

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: P195768

Luminaire Tested: **NVN-AF-06-LED-U-SLR-7050-1200**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P195768
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P24264)
Test Lab: INNOVATION CENTER P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-AF-06-LED-U-SLR-7050-1200
Description: NAVION ROADWAY AND AREA LUMINAIRE
(6) 70 CRI, 5000K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 34901 lumens
Efficiency: N/A
Efficacy: 91.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B3 - U0 - G5

Input Watts (W): 382
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



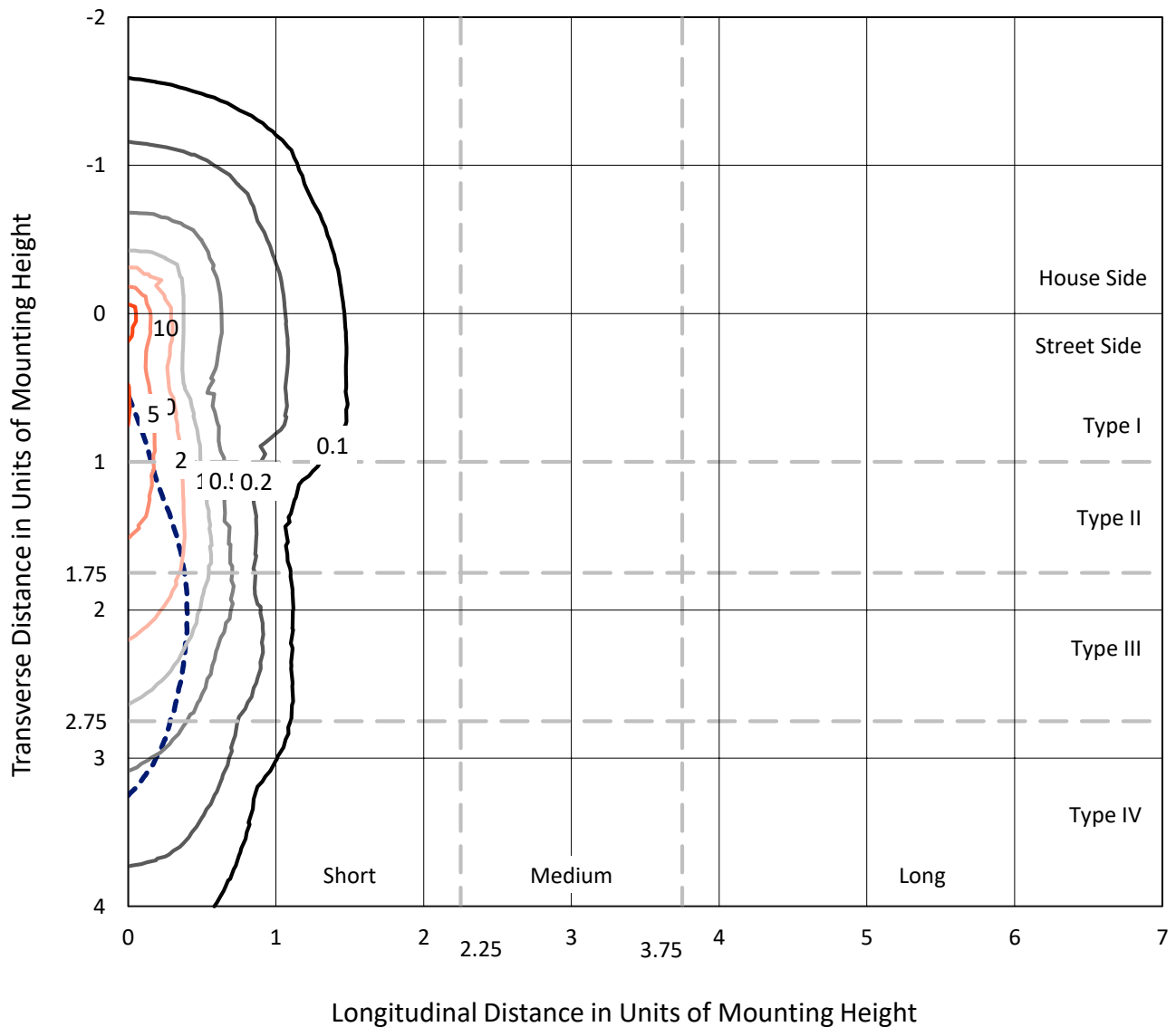


REPORT NUMBER: P195768

CATALOG NUMBER: NVN-AF-06-LED-U-SLR-7050-1200

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

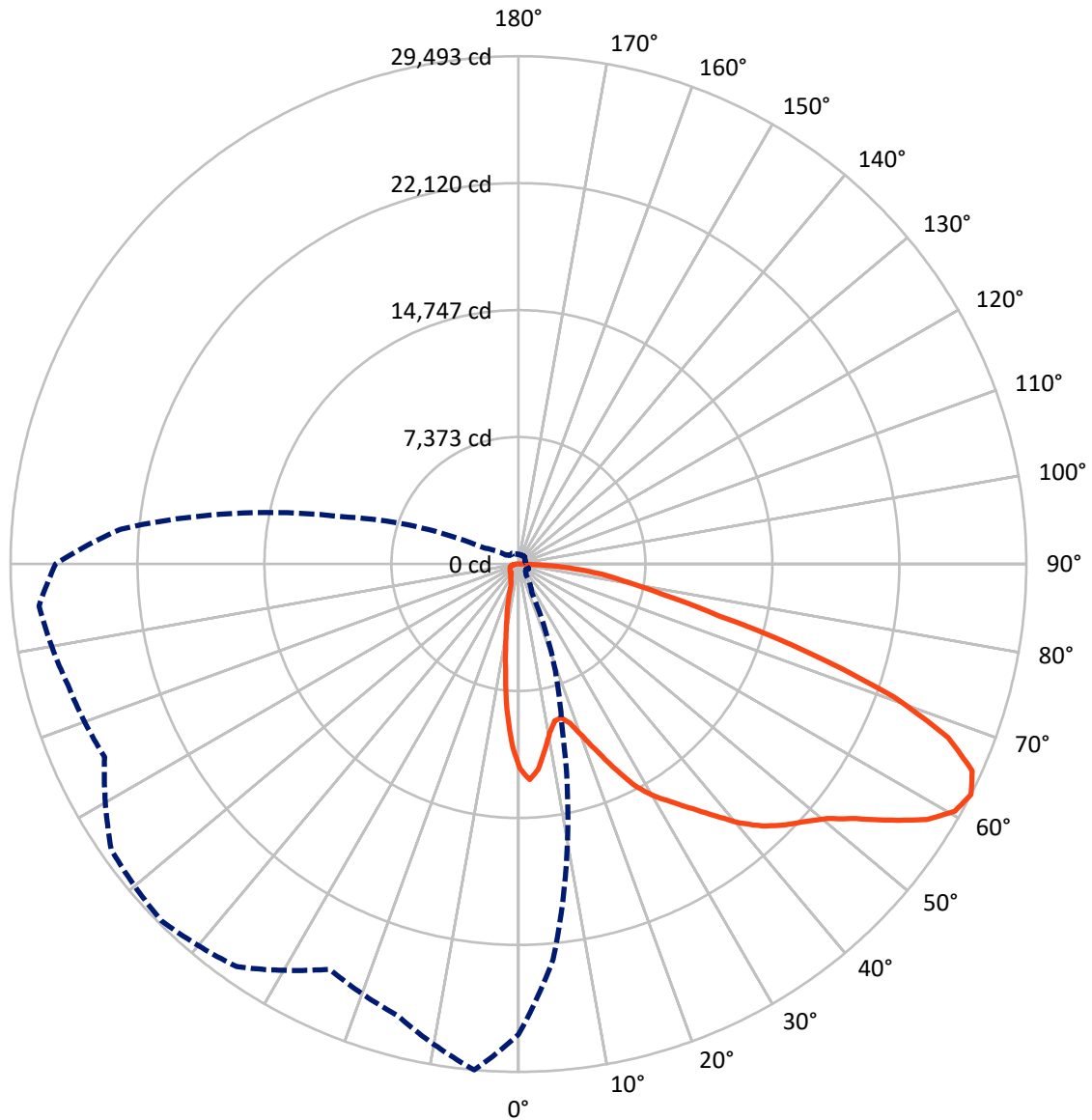


Based on 30 foot mounting height. Maximum calculated value = 13.2 fc
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P195768

CATALOG NUMBER: NVN-AF-06-LED-U-SLR-7050-1200

Luminous Intensity Polar Plot



— Vertical Plane Through 355-Deg Lateral - - - Horizontal Cone Through 62.5-Deg Vertical

REPORT NUMBER: P195768

CATALOG NUMBER: NVN-AF-06-LED-U-SLR-7050-1200

FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 6182.8 | 0.0 | 6182.8 |
| | % Fixture | 17.7 | 0.0 | 17.7 |
| Street Side | Lumens | 28718.2 | 0.0 | 28718.2 |
| | % Fixture | 82.3 | 0.0 | 82.3 |
| Total | Lumens | 34901.0 | 0.0 | 34901.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 865.3 | 2.5 |
| 10°-20° | 1580.5 | 4.5 |
| 20°-30° | 2273.2 | 6.5 |
| 30°-40° | 3481.6 | 10.0 |
| 40°-50° | 5090.1 | 14.6 |
| 50°-60° | 7406.2 | 21.2 |
| 60°-70° | 8581.1 | 24.6 |
| 70°-80° | 4473.2 | 12.8 |
| 80°-90° | 1149.9 | 3.3 |
| 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° | 34901.0 | 100.0 |
| 0°-180° | 34901.0 | 100.0 |

Coefficient of Utilization



REPORT NUMBER: P195768

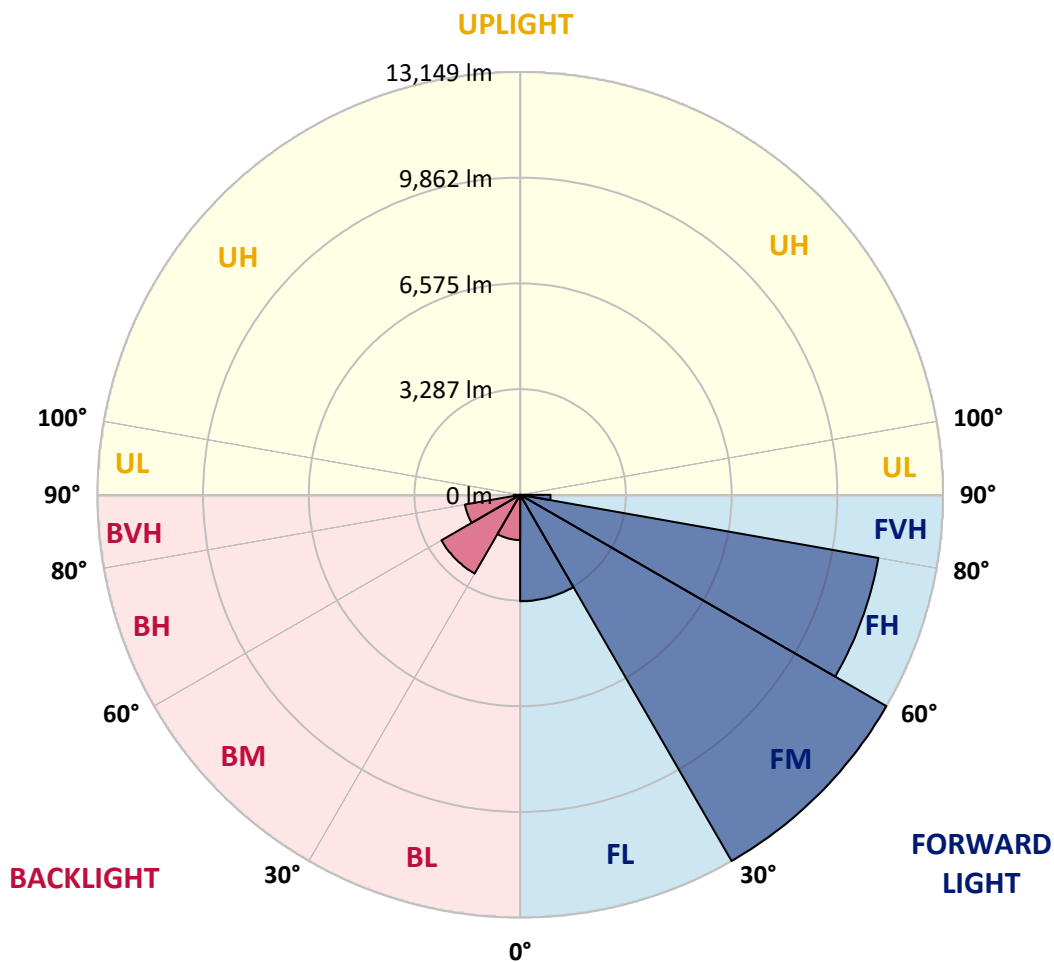
CATALOG NUMBER: NVN-AF-06-LED-U-SLR-7050-1200

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|---------|-----------|-------------------------|------|----------|
| | | | | B | U | G |
| FL | (0°-30°) | 3312.3 | 9.5 | | | |
| FM | (30°-60°) | 13149.1 | 37.7 | | | |
| FH | (60°-80°) | 11310.9 | 32.4 | | | G4/12000 |
| FVH | (80°-90°) | 946.0 | 2.7 | | | G5 |
| BL | (0°-30°) | 1406.7 | 4.0 | B3/2500 | | |
| BM | (30°-60°) | 2828.8 | 8.1 | B3/5000 | | |
| BH | (60°-80°) | 1743.4 | 5.0 | B3/2500 | | G3/2500 |
| BVH | (80°-90°) | 203.9 | 0.6 | | | G2/225 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B3-U0-G5

Type IV Short





REPORT NUMBER: P195768

CATALOG NUMBER: NVN-AF-06-LED-U-SLR-7050-1200

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 11898.4 | 11898.4 | 11898.4 | 11898.4 | 11898.4 | 11898.4 | 11898.4 | 11898.4 | 11898.4 | 11898.4 | 11898.4 |
| 2.5° | 12283.1 | 12111.0 | 11713.7 | 11364.5 | 10929.3 | 10602.8 | 10205.5 | 9995.5 | 9841.1 | 9737.4 | 9653.9 |
| 5° | 11473.3 | 11058.3 | 10299.2 | 9633.6 | 8915.0 | 8396.2 | 7788.9 | 7457.4 | 7252.4 | 7141.1 | 7090.5 |
| 7.5° | 10271.3 | 9722.2 | 8740.4 | 7847.1 | 6948.8 | 6301.0 | 5840.4 | 5349.5 | 5088.9 | 4919.3 | 4863.6 |
| 10° | 9221.2 | 8601.2 | 7429.6 | 6425.0 | 5731.6 | 5271.0 | 4876.3 | 4425.9 | 4091.8 | 3800.8 | 3692.0 |
| 12.5° | 8611.3 | 7890.1 | 6554.0 | 5645.6 | 5063.5 | 4570.1 | 4152.6 | 3666.7 | 3315.0 | 3011.3 | 2894.9 |
| 15° | 8482.3 | 7677.6 | 6187.1 | 5149.6 | 4436.0 | 3841.3 | 3340.3 | 2811.4 | 2467.2 | 2216.7 | 2135.7 |
| 17.5° | 8872.0 | 7880.0 | 6032.7 | 4696.6 | 3836.2 | 3110.0 | 2492.5 | 1925.7 | 1639.8 | 1503.1 | 1470.2 |
| 20° | 9674.1 | 8325.4 | 5959.3 | 4289.2 | 3254.2 | 2393.9 | 1723.3 | 1308.3 | 1166.6 | 1126.1 | 1123.5 |
| 22.5° | 10729.4 | 9049.1 | 6040.3 | 3955.2 | 2707.6 | 1766.3 | 1262.7 | 1075.5 | 1017.3 | 994.5 | 994.5 |
| 25° | 11921.2 | 10028.4 | 6255.4 | 3699.6 | 2226.8 | 1374.1 | 1088.1 | 986.9 | 938.8 | 916.0 | 918.6 |
| 27.5° | 13378.8 | 11220.3 | 6549.0 | 3464.3 | 1882.7 | 1204.5 | 1017.3 | 931.2 | 883.1 | 860.4 | 862.9 |
| 30° | 14477.0 | 12245.1 | 6802.0 | 3249.2 | 1705.6 | 1136.2 | 979.3 | 898.3 | 845.2 | 812.3 | 809.8 |
| 32.5° | 15504.4 | 13148.5 | 7007.0 | 3094.8 | 1604.3 | 1014.7 | 885.7 | 824.9 | 779.4 | 741.4 | 733.8 |
| 35° | 16640.6 | 13998.8 | 7103.1 | 3089.7 | 1538.5 | 916.0 | 809.8 | 736.4 | 690.8 | 647.8 | 640.2 |
| 37.5° | 17928.6 | 15038.8 | 7184.1 | 3120.1 | 1503.1 | 852.8 | 774.3 | 703.5 | 665.5 | 622.5 | 612.4 |
| 40° | 19269.8 | 16056.1 | 7247.4 | 3145.4 | 1498.1 | 809.8 | 746.5 | 683.2 | 645.3 | 599.7 | 589.6 |
| 42.5° | 20421.2 | 16956.9 | 7333.4 | 3135.3 | 1462.6 | 802.2 | 728.8 | 665.5 | 630.1 | 584.5 | 571.9 |
| 45° | 21342.3 | 17673.1 | 7467.5 | 3132.8 | 1409.5 | 819.9 | 723.7 | 660.5 | 617.4 | 569.4 | 559.2 |
| 47.5° | 22200.1 | 18480.3 | 7750.9 | 3122.6 | 1351.3 | 814.8 | 751.6 | 655.4 | 612.4 | 564.3 | 556.7 |
| 50° | 23182.0 | 19565.9 | 8234.3 | 3046.7 | 1270.3 | 779.4 | 802.2 | 650.3 | 599.7 | 556.7 | 549.1 |
| 52.5° | 24548.5 | 21155.0 | 8950.4 | 2910.1 | 1159.0 | 741.4 | 809.8 | 647.8 | 579.5 | 541.5 | 531.4 |
| 55° | 26155.3 | 22858.1 | 9722.2 | 2712.7 | 1012.2 | 675.6 | 769.3 | 637.7 | 559.2 | 518.8 | 503.6 |
| 57.5° | 27397.8 | 24115.7 | 10261.2 | 2429.3 | 868.0 | 637.7 | 685.8 | 614.9 | 533.9 | 493.4 | 480.8 |
| 60° | 27747.0 | 24171.4 | 10357.4 | 2090.2 | 794.6 | 612.4 | 589.6 | 670.6 | 513.7 | 470.7 | 458.0 |
| 62.5° | 27329.5 | 23065.6 | 9729.8 | 1852.3 | 769.3 | 587.1 | 536.5 | 640.2 | 493.4 | 450.4 | 437.8 |
| 65° | 26092.1 | 21198.1 | 8325.4 | 1816.9 | 794.6 | 564.3 | 508.6 | 511.2 | 473.2 | 430.2 | 417.5 |
| 67.5° | 23202.2 | 18449.9 | 6559.1 | 1839.7 | 824.9 | 541.5 | 488.4 | 465.6 | 450.4 | 412.5 | 397.3 |
| 70° | 18870.0 | 14854.1 | 5167.3 | 1880.2 | 852.8 | 511.2 | 463.1 | 435.2 | 422.6 | 382.1 | 374.5 |
| 72.5° | 14535.2 | 11888.3 | 4076.6 | 1852.3 | 880.6 | 480.8 | 427.7 | 404.9 | 389.7 | 351.7 | 344.1 |
| 75° | 10321.9 | 9446.4 | 2996.1 | 1589.2 | 807.2 | 437.8 | 387.2 | 366.9 | 354.3 | 313.8 | 311.3 |
| 77.5° | 7439.7 | 7075.3 | 2085.1 | 1194.4 | 637.7 | 384.6 | 341.6 | 323.9 | 316.3 | 270.8 | 270.8 |
| 80° | 5934.0 | 5384.9 | 1247.5 | 779.4 | 465.6 | 318.8 | 285.9 | 278.4 | 270.8 | 225.2 | 227.7 |
| 82.5° | 4263.9 | 3735.0 | 797.1 | 485.9 | 341.6 | 242.9 | 222.7 | 220.2 | 207.5 | 167.0 | 167.0 |
| 85° | 2186.4 | 1908.0 | 511.2 | 326.4 | 240.4 | 156.9 | 146.8 | 141.7 | 134.1 | 103.8 | 103.8 |
| 87.5° | 425.1 | 584.5 | 283.4 | 159.4 | 116.4 | 55.7 | 55.7 | 48.1 | 55.7 | 38.0 | 40.5 |
| 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: P195768

CATALOG NUMBER: NVN-AF-06-LED-U-SLR-7050-1200

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° | 185° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 11898.4 | 11898.4 | 11898.4 | 11898.4 | 11898.4 | 11898.4 | 11898.4 | 11898.4 | 11898.4 | 11898.4 | 11898.4 |
| 2.5° | 9813.3 | 9762.7 | 9727.3 | 9709.6 | 9965.1 | 10071.4 | 10192.9 | 10367.5 | 10486.4 | 10435.8 | 10597.8 |
| 5° | 7328.3 | 7363.8 | 7444.8 | 7571.3 | 7928.1 | 8097.6 | 8206.4 | 8350.7 | 8454.4 | 8350.7 | 8522.7 |
| 7.5° | 5010.4 | 5063.5 | 5235.6 | 5496.3 | 5926.4 | 6116.2 | 6154.2 | 6156.7 | 6134.0 | 5964.4 | 6080.8 |
| 10° | 3689.5 | 3583.2 | 3621.2 | 3808.4 | 4193.1 | 4362.6 | 4380.3 | 4334.8 | 4327.2 | 4258.8 | 4390.4 |
| 12.5° | 2859.5 | 2712.7 | 2626.7 | 2657.0 | 2945.5 | 3084.7 | 3107.5 | 3132.8 | 3236.5 | 3269.4 | 3431.4 |
| 15° | 2133.2 | 2057.3 | 1994.0 | 1966.2 | 2156.0 | 2264.8 | 2277.5 | 2338.2 | 2447.0 | 2477.4 | 2616.5 |
| 17.5° | 1500.6 | 1520.8 | 1553.7 | 1566.4 | 1703.0 | 1773.9 | 1753.6 | 1753.6 | 1771.4 | 1763.8 | 1842.2 |
| 20° | 1146.3 | 1186.8 | 1250.1 | 1310.8 | 1434.8 | 1475.3 | 1424.7 | 1361.4 | 1320.9 | 1300.7 | 1318.4 |
| 22.5° | 1012.2 | 1040.0 | 1080.5 | 1159.0 | 1262.7 | 1283.0 | 1217.2 | 1166.6 | 1128.6 | 1108.4 | 1110.9 |
| 25° | 938.8 | 966.7 | 999.6 | 1062.8 | 1151.4 | 1161.5 | 1100.8 | 1067.9 | 1037.5 | 1017.3 | 1012.2 |
| 27.5° | 875.6 | 893.3 | 913.5 | 954.0 | 1045.1 | 1050.2 | 1009.7 | 989.4 | 969.2 | 954.0 | 948.9 |
| 30° | 817.4 | 824.9 | 832.5 | 873.0 | 941.3 | 948.9 | 928.7 | 918.6 | 911.0 | 900.9 | 900.9 |
| 32.5° | 741.4 | 751.6 | 764.2 | 799.6 | 865.4 | 875.6 | 862.9 | 855.3 | 842.7 | 837.6 | 830.0 |
| 35° | 650.3 | 675.6 | 703.5 | 746.5 | 817.4 | 822.4 | 807.2 | 784.5 | 754.1 | 746.5 | 741.4 |
| 37.5° | 612.4 | 617.4 | 652.9 | 703.5 | 776.9 | 781.9 | 761.7 | 723.7 | 701.0 | 703.5 | 708.5 |
| 40° | 587.1 | 594.7 | 614.9 | 665.5 | 738.9 | 746.5 | 728.8 | 701.0 | 678.2 | 680.7 | 688.3 |
| 42.5° | 566.8 | 577.0 | 589.6 | 622.5 | 695.9 | 711.1 | 706.0 | 680.7 | 657.9 | 663.0 | 673.1 |
| 45° | 556.7 | 564.3 | 564.3 | 587.1 | 657.9 | 680.7 | 683.2 | 663.0 | 645.3 | 650.3 | 663.0 |
| 47.5° | 551.7 | 551.7 | 544.1 | 561.8 | 632.6 | 655.4 | 660.5 | 650.3 | 640.2 | 645.3 | 657.9 |
| 50° | 544.1 | 533.9 | 526.3 | 541.5 | 612.4 | 632.6 | 637.7 | 630.1 | 635.2 | 645.3 | 652.9 |
| 52.5° | 521.3 | 511.2 | 511.2 | 521.3 | 592.1 | 612.4 | 614.9 | 609.9 | 620.0 | 632.6 | 645.3 |
| 55° | 493.4 | 493.4 | 496.0 | 506.1 | 582.0 | 597.2 | 594.7 | 589.6 | 599.7 | 614.9 | 627.6 |
| 57.5° | 468.1 | 465.6 | 478.3 | 490.9 | 569.4 | 579.5 | 574.4 | 574.4 | 582.0 | 594.7 | 607.3 |
| 60° | 453.0 | 440.3 | 450.4 | 470.7 | 556.7 | 566.8 | 559.2 | 556.7 | 569.4 | 579.5 | 589.6 |
| 62.5° | 437.8 | 425.1 | 432.7 | 453.0 | 539.0 | 546.6 | 541.5 | 541.5 | 554.2 | 561.8 | 571.9 |
| 65° | 415.0 | 409.9 | 415.0 | 435.2 | 523.8 | 526.3 | 526.3 | 528.9 | 539.0 | 544.1 | 554.2 |
| 67.5° | 394.8 | 394.8 | 397.3 | 417.5 | 511.2 | 506.1 | 506.1 | 518.8 | 521.3 | 526.3 | 536.5 |
| 70° | 369.5 | 374.5 | 374.5 | 399.8 | 501.0 | 483.3 | 485.9 | 496.0 | 501.0 | 506.1 | 508.6 |
| 72.5° | 341.6 | 344.1 | 349.2 | 382.1 | 485.9 | 460.6 | 463.1 | 470.7 | 473.2 | 480.8 | 483.3 |
| 75° | 311.3 | 313.8 | 321.4 | 364.4 | 475.7 | 437.8 | 432.7 | 437.8 | 442.8 | 447.9 | 445.4 |
| 77.5° | 275.8 | 280.9 | 288.5 | 354.3 | 442.8 | 432.7 | 394.8 | 399.8 | 404.9 | 404.9 | 402.4 |
| 80° | 232.8 | 240.4 | 253.1 | 339.1 | 374.5 | 417.5 | 351.7 | 354.3 | 356.8 | 356.8 | 351.7 |
| 82.5° | 174.6 | 189.8 | 207.5 | 280.9 | 293.5 | 356.8 | 303.7 | 308.7 | 301.1 | 296.1 | 293.5 |
| 85° | 113.9 | 126.5 | 151.8 | 194.8 | 215.1 | 280.9 | 250.5 | 253.1 | 237.9 | 235.3 | 235.3 |
| 87.5° | 45.5 | 48.1 | 68.3 | 98.7 | 129.1 | 174.6 | 179.7 | 184.7 | 172.1 | 172.1 | 177.1 |
| 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: P195768

CATALOG NUMBER: NVN-AF-06-LED-U-SLR-7050-1200

CANDELA DISTRIBUTION (continued):

| | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° | 285° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 11898.4 | 11898.4 | 11898.4 | 11898.4 | 11898.4 | 11898.4 | 11898.4 | 11898.4 | 11898.4 | 11898.4 | 11898.4 |
| 2.5° | 10843.2 | 11096.3 | 11387.3 | 11683.4 | 11926.3 | 12240.1 | 12543.7 | 12867.6 | 13032.1 | 13128.3 | 13399.0 |
| 5° | 8791.0 | 9137.7 | 9550.1 | 10013.2 | 10397.9 | 11055.8 | 11764.3 | 12553.8 | 12933.4 | 13307.9 | 14016.5 |
| 7.5° | 6288.3 | 6627.4 | 7108.2 | 7707.9 | 8254.5 | 9122.5 | 10056.2 | 11124.1 | 11650.5 | 12257.8 | 13419.3 |
| 10° | 4668.8 | 5028.1 | 5463.4 | 5972.0 | 6511.0 | 7414.4 | 8462.0 | 9661.5 | 10241.0 | 10926.7 | 12247.7 |
| 12.5° | 3785.6 | 4205.7 | 4656.1 | 5111.6 | 5574.7 | 6182.0 | 7280.3 | 8613.8 | 9236.4 | 9927.2 | 11250.6 |
| 15° | 2953.1 | 3403.5 | 3889.4 | 4385.4 | 4845.9 | 5524.1 | 6645.1 | 8221.6 | 8932.7 | 9600.7 | 10683.8 |
| 17.5° | 2090.2 | 2515.3 | 3061.9 | 3664.2 | 4332.2 | 5134.4 | 6508.5 | 8393.7 | 9256.6 | 9955.0 | 10681.3 |
| 20° | 1424.7 | 1718.2 | 2264.8 | 2978.4 | 3803.4 | 4820.6 | 6559.1 | 8998.5 | 10076.5 | 10843.2 | 11119.0 |
| 22.5° | 1138.7 | 1277.9 | 1647.4 | 2373.6 | 3347.9 | 4592.9 | 6766.6 | 9828.5 | 11253.2 | 12186.9 | 11916.2 |
| 25° | 1035.0 | 1113.4 | 1305.7 | 1875.1 | 2943.0 | 4441.0 | 7171.5 | 10924.2 | 12571.6 | 13518.0 | 12875.2 |
| 27.5° | 971.7 | 1040.0 | 1164.0 | 1541.1 | 2593.8 | 4342.4 | 7685.2 | 12214.8 | 14057.0 | 14833.8 | 13874.8 |
| 30° | 931.2 | 999.6 | 1113.4 | 1384.2 | 2330.6 | 4195.6 | 8135.6 | 13394.0 | 15243.8 | 15747.3 | 14413.8 |
| 32.5° | 852.8 | 905.9 | 999.6 | 1239.9 | 2133.2 | 4023.5 | 8525.3 | 14449.2 | 16364.8 | 16531.8 | 15061.6 |
| 35° | 771.8 | 827.5 | 921.1 | 1123.5 | 2016.8 | 3889.4 | 8730.3 | 15385.5 | 17475.7 | 17316.3 | 15704.3 |
| 37.5° | 741.4 | 787.0 | 873.0 | 1040.0 | 1953.6 | 3800.8 | 8808.7 | 16306.6 | 18667.6 | 18184.2 | 16152.2 |
| 40° | 721.2 | 761.7 | 837.6 | 984.4 | 1935.8 | 3717.3 | 8791.0 | 17182.1 | 19824.0 | 19082.6 | 16504.0 |
| 42.5° | 706.0 | 741.4 | 812.3 | 946.4 | 1887.8 | 3638.9 | 8732.8 | 17938.8 | 20750.2 | 19856.9 | 16840.5 |
| 45° | 693.4 | 731.3 | 802.2 | 966.7 | 1799.2 | 3552.8 | 8697.4 | 18629.6 | 21461.2 | 20509.8 | 17291.0 |
| 47.5° | 688.3 | 731.3 | 804.7 | 961.6 | 1703.0 | 3456.7 | 8823.9 | 19396.3 | 22081.2 | 21058.9 | 17890.7 |
| 50° | 680.7 | 728.8 | 860.4 | 916.0 | 1571.4 | 3337.7 | 9251.5 | 20309.9 | 22731.5 | 21676.3 | 18667.6 |
| 52.5° | 668.1 | 726.3 | 918.6 | 880.6 | 1401.9 | 3173.3 | 9944.9 | 21600.4 | 23855.1 | 22878.3 | 19816.4 |
| 55° | 652.9 | 731.3 | 878.1 | 824.9 | 1222.2 | 2960.7 | 10638.3 | 23369.2 | 25677.1 | 24816.7 | 21466.3 |
| 57.5° | 635.2 | 723.7 | 830.0 | 774.3 | 1072.9 | 2692.5 | 11164.6 | 24819.2 | 27180.2 | 26815.8 | 23493.2 |
| 60° | 622.5 | 741.4 | 746.5 | 744.0 | 976.8 | 2436.9 | 11215.2 | 24725.6 | 27612.9 | 28113.9 | 25477.1 |
| 62.5° | 607.3 | 756.6 | 680.7 | 721.2 | 928.7 | 2199.0 | 10590.2 | 23194.6 | 26881.6 | 27946.9 | 27094.1 |
| 65° | 587.1 | 660.5 | 645.3 | 701.0 | 928.7 | 2072.5 | 9135.1 | 20646.4 | 24859.7 | 26367.9 | 27972.2 |
| 67.5° | 566.8 | 599.7 | 620.0 | 673.1 | 948.9 | 1953.6 | 7341.0 | 17415.0 | 21671.3 | 23819.7 | 26985.3 |
| 70° | 539.0 | 566.8 | 592.1 | 647.8 | 938.8 | 1870.0 | 5777.1 | 13958.3 | 17835.0 | 20294.7 | 24254.9 |
| 72.5° | 513.7 | 533.9 | 559.2 | 609.9 | 938.8 | 1832.1 | 4641.0 | 10949.5 | 13616.7 | 15689.1 | 20092.2 |
| 75° | 475.7 | 493.4 | 516.2 | 571.9 | 921.1 | 1675.2 | 3484.5 | 8773.3 | 9962.6 | 11260.8 | 15853.6 |
| 77.5° | 437.8 | 450.4 | 468.1 | 523.8 | 830.0 | 1399.4 | 2464.7 | 6794.4 | 7381.5 | 8100.2 | 12359.0 |
| 80° | 389.7 | 399.8 | 412.5 | 468.1 | 688.3 | 1085.6 | 1604.3 | 5314.1 | 5519.0 | 5865.7 | 8130.5 |
| 82.5° | 334.0 | 349.2 | 351.7 | 402.4 | 554.2 | 787.0 | 954.0 | 3641.4 | 3638.9 | 4147.5 | 5736.7 |
| 85° | 273.3 | 280.9 | 285.9 | 316.3 | 409.9 | 523.8 | 627.6 | 1989.0 | 1773.9 | 2485.0 | 4982.6 |
| 87.5° | 205.0 | 197.4 | 205.0 | 212.6 | 270.8 | 308.7 | 336.6 | 366.9 | 220.2 | 450.4 | 2897.4 |
| 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: P195768

CATALOG NUMBER: NVN-AF-06-LED-U-SLR-7050-1200

CANDELA DISTRIBUTION (continued):

| | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 360° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 11898.4 | 11898.4 | 11898.4 | 11898.4 | 11898.4 | 11898.4 | 11898.4 | 11898.4 |
| 2.5° | 13543.3 | 13692.6 | 13604.0 | 13497.7 | 13232.0 | 12842.3 | 12543.7 | 12283.1 |
| 5° | 14507.4 | 14783.2 | 14661.8 | 14267.0 | 13578.7 | 12796.8 | 11974.4 | 11473.3 |
| 7.5° | 14385.9 | 14932.5 | 14884.4 | 14226.5 | 13239.6 | 12088.2 | 10931.8 | 10271.3 |
| 10° | 13414.2 | 14181.0 | 14312.6 | 13639.4 | 12594.3 | 11306.3 | 9967.7 | 9221.2 |
| 12.5° | 12356.5 | 13001.7 | 13270.0 | 13014.4 | 12030.0 | 10721.8 | 9357.8 | 8611.3 |
| 15° | 11470.8 | 11797.2 | 12062.9 | 12227.4 | 11617.6 | 10514.3 | 9251.5 | 8482.3 |
| 17.5° | 10815.4 | 10752.1 | 10974.8 | 11369.6 | 11394.9 | 10790.1 | 9732.3 | 8872.0 |
| 20° | 10499.1 | 10003.1 | 10132.2 | 10686.3 | 11334.1 | 11491.0 | 10691.4 | 9674.1 |
| 22.5° | 10481.4 | 9707.0 | 9732.3 | 10329.5 | 11508.7 | 12447.6 | 11888.3 | 10729.4 |
| 25° | 10754.7 | 9674.1 | 9696.9 | 10291.6 | 11817.5 | 13411.7 | 13272.5 | 11921.2 |
| 27.5° | 11220.3 | 9815.8 | 9800.7 | 10458.6 | 12229.9 | 14216.4 | 14669.4 | 13378.8 |
| 30° | 11723.8 | 10020.8 | 9982.9 | 10726.8 | 12634.8 | 14712.4 | 15661.3 | 14477.0 |
| 32.5° | 12351.4 | 10385.2 | 10253.6 | 11119.0 | 13034.6 | 15188.1 | 16509.0 | 15504.4 |
| 35° | 12948.6 | 10919.1 | 10729.4 | 11680.8 | 13462.3 | 15717.0 | 17458.0 | 16640.6 |
| 37.5° | 13558.5 | 11716.2 | 11610.0 | 12490.6 | 14067.1 | 16291.4 | 18543.6 | 17928.6 |
| 40° | 14340.4 | 12849.9 | 12799.3 | 13667.3 | 14874.3 | 16919.0 | 19760.7 | 19269.8 |
| 42.5° | 15183.0 | 14054.4 | 14011.4 | 15018.6 | 15876.4 | 17549.1 | 20803.3 | 20421.2 |
| 45° | 16040.9 | 15514.5 | 15524.7 | 16461.0 | 16931.6 | 18143.7 | 21623.2 | 21342.3 |
| 47.5° | 17053.1 | 17111.3 | 17473.2 | 17956.5 | 17959.0 | 18806.7 | 22349.4 | 22200.1 |
| 50° | 18338.6 | 19039.5 | 19707.6 | 19783.5 | 18996.5 | 19682.3 | 23237.7 | 23182.0 |
| 52.5° | 19793.6 | 21263.9 | 22040.7 | 21800.3 | 20008.7 | 20767.9 | 24551.0 | 24548.5 |
| 55° | 21522.0 | 23589.4 | 24320.7 | 23910.8 | 21220.8 | 22182.4 | 26266.7 | 26155.3 |
| 57.5° | 23313.6 | 25826.4 | 26416.0 | 25882.0 | 22736.6 | 23829.8 | 27987.4 | 27397.8 |
| 60° | 25249.4 | 27752.1 | 28351.8 | 27549.6 | 24437.1 | 25472.1 | 29126.1 | 27747.0 |
| 62.5° | 26517.2 | 28878.2 | 29308.3 | 28539.1 | 25960.5 | 27144.8 | 29493.1 | 27329.5 |
| 65° | 26583.0 | 28129.1 | 28243.0 | 27969.7 | 26608.3 | 28597.3 | 28961.7 | 26092.1 |
| 67.5° | 24776.2 | 24867.3 | 25016.6 | 25310.1 | 25224.1 | 27949.5 | 26911.9 | 23202.2 |
| 70° | 20912.1 | 19697.5 | 20188.4 | 20471.8 | 21109.5 | 24859.7 | 23123.8 | 18870.0 |
| 72.5° | 15990.3 | 14216.4 | 14773.1 | 14676.9 | 16002.9 | 20390.8 | 17690.8 | 14535.2 |
| 75° | 11508.7 | 9694.4 | 9737.4 | 9742.5 | 11498.6 | 16276.2 | 12062.9 | 10321.9 |
| 77.5° | 7821.8 | 6860.2 | 7001.9 | 6913.3 | 7695.3 | 12751.2 | 8684.7 | 7439.7 |
| 80° | 5349.5 | 5324.2 | 5354.6 | 5147.1 | 5131.9 | 8241.9 | 6430.0 | 5934.0 |
| 82.5° | 3967.8 | 3666.7 | 3623.7 | 3403.5 | 3932.4 | 6301.0 | 4881.3 | 4263.9 |
| 85° | 3130.2 | 2029.5 | 1763.8 | 2128.2 | 3406.1 | 5797.4 | 2975.9 | 2186.4 |
| 87.5° | 1326.0 | 797.1 | 483.3 | 956.5 | 1892.8 | 4248.7 | 824.9 | 425.1 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)