

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: P195284

Luminaire Tested: **NVN-AF-02-LED-U-SLR-7060-1200**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P195284
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-02-LED-U-SLR-7060-1200
Description: NAVION ROADWAY AND AREA LUMINAIRE
(2) 70 CRI, 5700K, 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: 11801 lumens
Efficiency: N/A
Efficacy: 91.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B2 - U0 - G3

Input Watts (W): 129
Input Voltage (V): NR
Input Current (A_{in}): 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

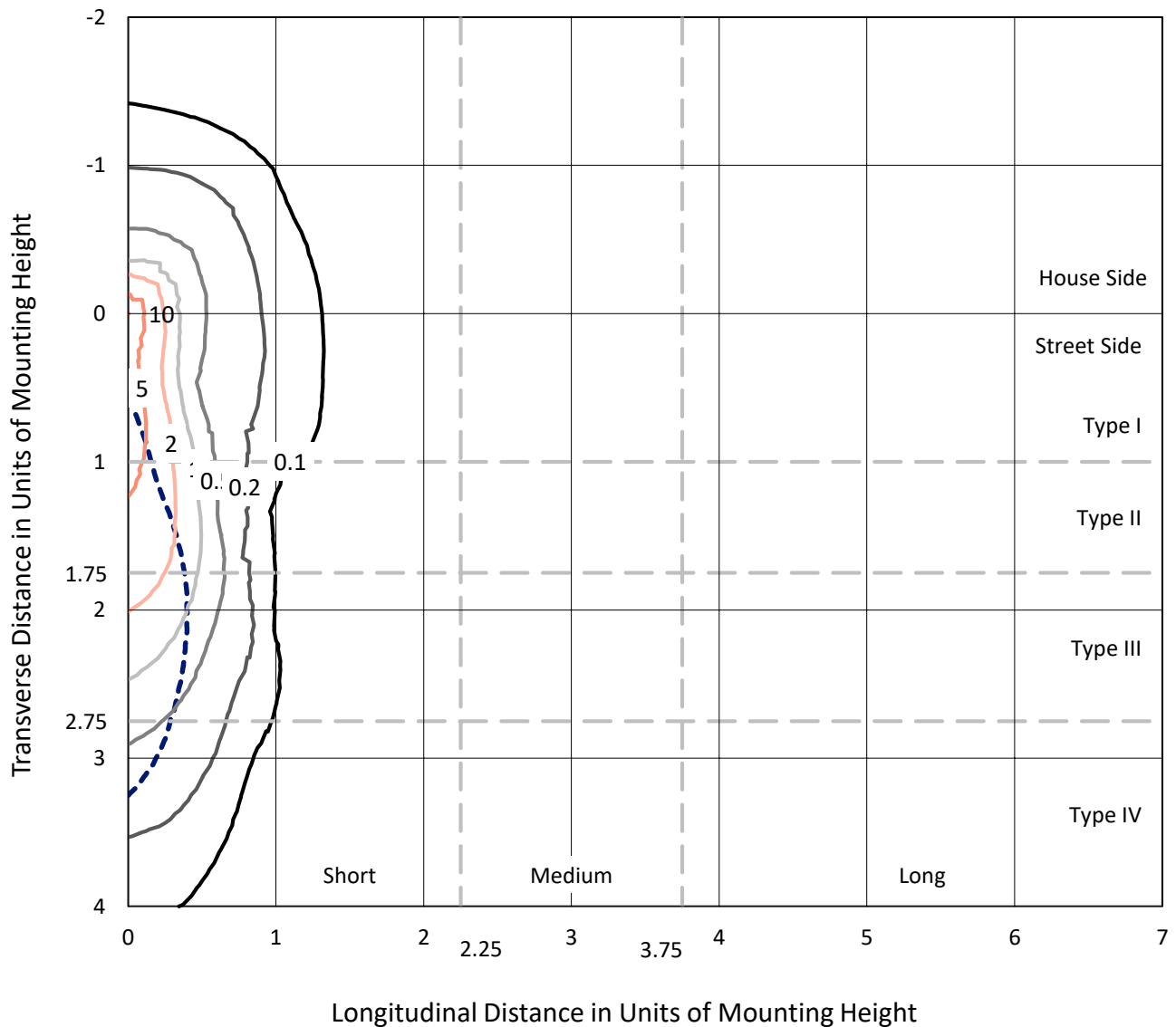


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

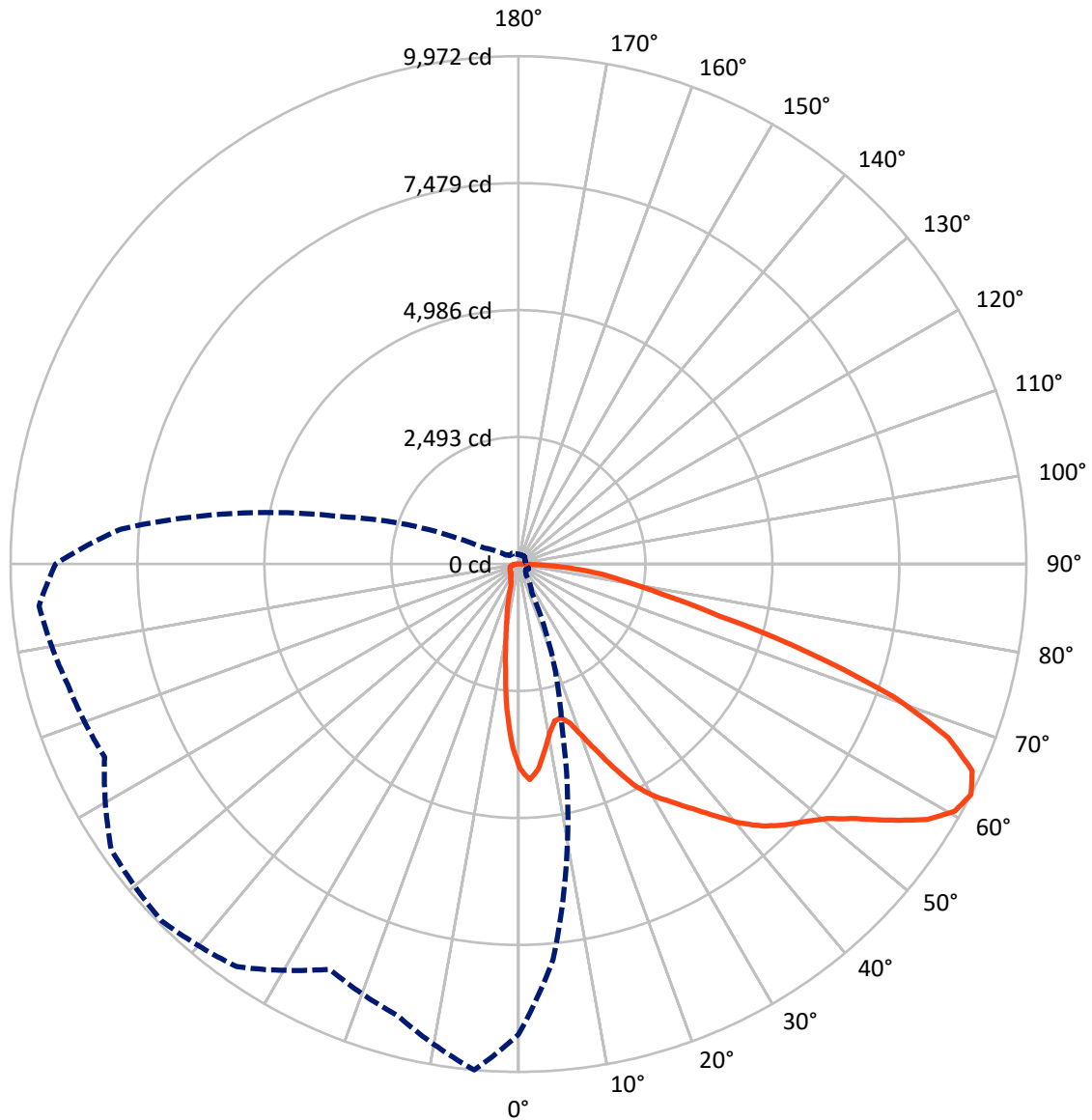


Based on 20 foot mounting height. Maximum calculated value = 10.1 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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



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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 2090.6 | 0.0 | 2090.6 |
| | % Fixture | 17.7 | 0.0 | 17.7 |
| Street Side | Lumens | 9710.4 | 0.0 | 9710.4 |
| | % Fixture | 82.3 | 0.0 | 82.3 |
| Total | Lumens | 11801.0 | 0.0 | 11801.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 292.6 | 2.5 |
| 10°-20° | 534.4 | 4.5 |
| 20°-30° | 768.6 | 6.5 |
| 30°-40° | 1177.2 | 10.0 |
| 40°-50° | 1721.1 | 14.6 |
| 50°-60° | 2504.3 | 21.2 |
| 60°-70° | 2901.5 | 24.6 |
| 70°-80° | 1512.5 | 12.8 |
| 80°-90° | 388.8 | 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° | 11801.0 | 100.0 |
| 0°-180° | 11801.0 | 100.0 |



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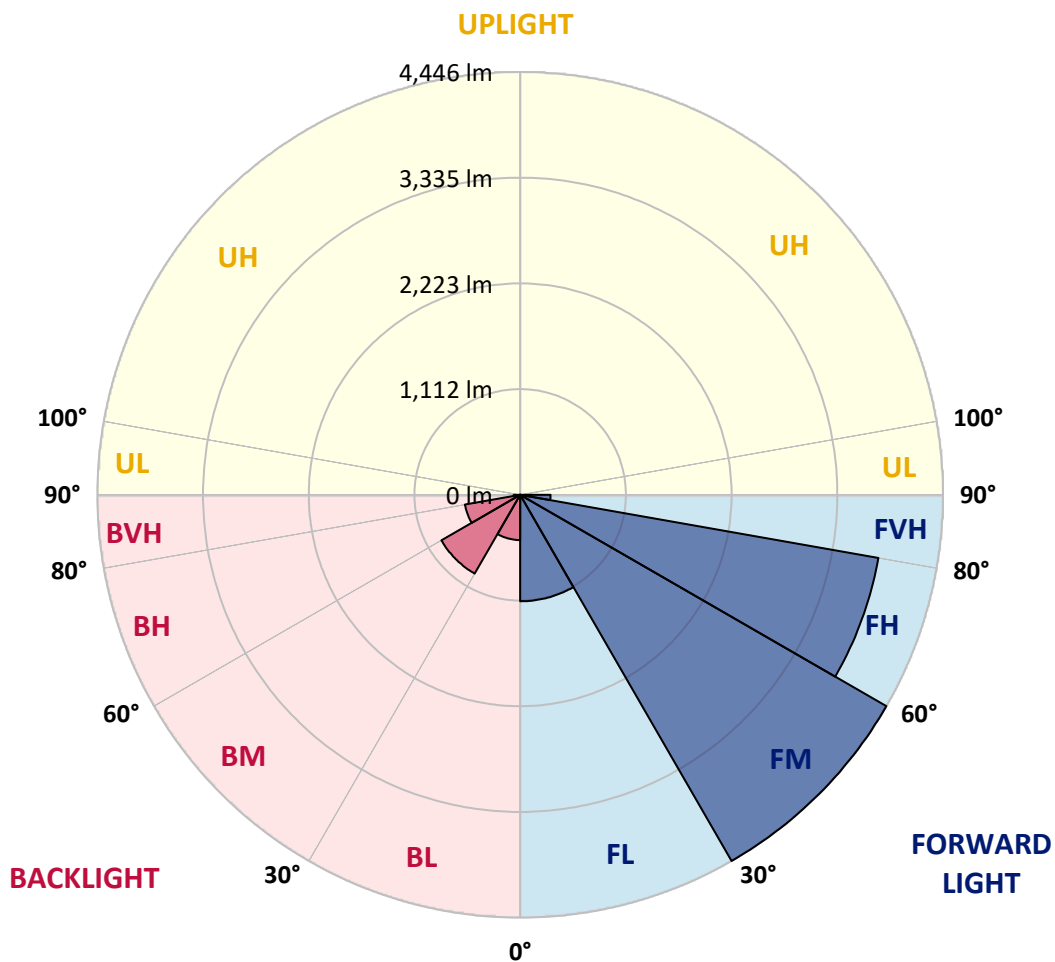
CATALOG NUMBER: NVN-AF-02-LED-U-SLR-7060-1200

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 1120.0 | 9.5 | | | |
| FM | (30°-60°) | 4446.1 | 37.7 | | | |
| FH | (60°-80°) | 3824.5 | 32.4 | | | G2/5000 |
| FVH | (80°-90°) | 319.9 | 2.7 | | | G3/500 |
| BL | (0°-30°) | 475.6 | 4.0 | B1/500 | | |
| BM | (30°-60°) | 956.5 | 8.1 | B1/1000 | | |
| BH | (60°-80°) | 589.5 | 5.0 | B2/1000 | | G2/1000 |
| BVH | (80°-90°) | 68.9 | 0.6 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B2-U0-G3

Type IV Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4023.2 | 4023.2 | 4023.2 | 4023.2 | 4023.2 | 4023.2 | 4023.2 | 4023.2 | 4023.2 | 4023.2 | 4023.2 |
| 2.5° | 4153.3 | 4095.1 | 3960.7 | 3842.7 | 3695.5 | 3585.1 | 3450.8 | 3379.8 | 3327.6 | 3292.5 | 3264.2 |
| 5° | 3879.4 | 3739.1 | 3482.4 | 3257.4 | 3014.4 | 2839.0 | 2633.6 | 2521.6 | 2452.3 | 2414.6 | 2397.5 |
| 7.5° | 3473.0 | 3287.3 | 2955.4 | 2653.3 | 2349.6 | 2130.5 | 1974.8 | 1808.8 | 1720.7 | 1663.4 | 1644.5 |
| 10° | 3117.9 | 2908.3 | 2512.1 | 2172.5 | 1938.0 | 1782.3 | 1648.8 | 1496.5 | 1383.6 | 1285.2 | 1248.4 |
| 12.5° | 2911.7 | 2667.9 | 2216.1 | 1908.9 | 1712.1 | 1545.3 | 1404.1 | 1239.8 | 1120.9 | 1018.2 | 978.8 |
| 15° | 2868.1 | 2596.0 | 2092.0 | 1741.2 | 1499.9 | 1298.9 | 1129.4 | 950.6 | 834.2 | 749.5 | 722.2 |
| 17.5° | 2999.9 | 2664.4 | 2039.8 | 1588.1 | 1297.1 | 1051.6 | 842.8 | 651.1 | 554.5 | 508.2 | 497.1 |
| 20° | 3271.1 | 2815.0 | 2015.0 | 1450.3 | 1100.3 | 809.4 | 582.7 | 442.4 | 394.4 | 380.8 | 379.9 |
| 22.5° | 3627.9 | 3059.8 | 2042.4 | 1337.4 | 915.5 | 597.2 | 427.0 | 363.6 | 344.0 | 336.3 | 336.3 |
| 25° | 4030.9 | 3390.9 | 2115.1 | 1250.9 | 753.0 | 464.6 | 367.9 | 333.7 | 317.4 | 309.7 | 310.6 |
| 27.5° | 4523.7 | 3793.9 | 2214.4 | 1171.4 | 636.6 | 407.3 | 344.0 | 314.9 | 298.6 | 290.9 | 291.8 |
| 30° | 4895.1 | 4140.4 | 2299.9 | 1098.6 | 576.7 | 384.2 | 331.1 | 303.8 | 285.8 | 274.7 | 273.8 |
| 32.5° | 5242.5 | 4445.9 | 2369.3 | 1046.4 | 542.5 | 343.1 | 299.5 | 278.9 | 263.5 | 250.7 | 248.1 |
| 35° | 5626.7 | 4733.4 | 2401.8 | 1044.7 | 520.2 | 309.7 | 273.8 | 249.0 | 233.6 | 219.0 | 216.5 |
| 37.5° | 6062.2 | 5085.0 | 2429.1 | 1055.0 | 508.2 | 288.3 | 261.8 | 237.9 | 225.0 | 210.5 | 207.1 |
| 40° | 6515.7 | 5429.0 | 2450.5 | 1063.6 | 506.5 | 273.8 | 252.4 | 231.0 | 218.2 | 202.8 | 199.4 |
| 42.5° | 6905.0 | 5733.6 | 2479.6 | 1060.1 | 494.6 | 271.2 | 246.4 | 225.0 | 213.1 | 197.7 | 193.4 |
| 45° | 7216.4 | 5975.8 | 2525.0 | 1059.3 | 476.6 | 277.2 | 244.7 | 223.3 | 208.8 | 192.5 | 189.1 |
| 47.5° | 7506.5 | 6248.7 | 2620.8 | 1055.9 | 456.9 | 275.5 | 254.1 | 221.6 | 207.1 | 190.8 | 188.2 |
| 50° | 7838.5 | 6615.8 | 2784.2 | 1030.2 | 429.5 | 263.5 | 271.2 | 219.9 | 202.8 | 188.2 | 185.7 |
| 52.5° | 8300.5 | 7153.1 | 3026.4 | 984.0 | 391.9 | 250.7 | 273.8 | 219.0 | 195.9 | 183.1 | 179.7 |
| 55° | 8843.8 | 7729.0 | 3287.3 | 917.2 | 342.3 | 228.5 | 260.1 | 215.6 | 189.1 | 175.4 | 170.3 |
| 57.5° | 9264.0 | 8154.2 | 3469.6 | 821.4 | 293.5 | 215.6 | 231.9 | 207.9 | 180.5 | 166.8 | 162.6 |
| 60° | 9382.0 | 8173.0 | 3502.1 | 706.8 | 268.7 | 207.1 | 199.4 | 226.7 | 173.7 | 159.1 | 154.9 |
| 62.5° | 9240.9 | 7799.1 | 3289.9 | 626.3 | 260.1 | 198.5 | 181.4 | 216.5 | 166.8 | 152.3 | 148.0 |
| 65° | 8822.5 | 7167.7 | 2815.0 | 614.3 | 268.7 | 190.8 | 172.0 | 172.8 | 160.0 | 145.5 | 141.2 |
| 67.5° | 7845.3 | 6238.4 | 2217.8 | 622.0 | 278.9 | 183.1 | 165.1 | 157.4 | 152.3 | 139.5 | 134.3 |
| 70° | 6380.5 | 5022.6 | 1747.2 | 635.7 | 288.3 | 172.8 | 156.6 | 147.2 | 142.9 | 129.2 | 126.6 |
| 72.5° | 4914.8 | 4019.8 | 1378.4 | 626.3 | 297.8 | 162.6 | 144.6 | 136.9 | 131.8 | 118.9 | 116.4 |
| 75° | 3490.1 | 3194.1 | 1013.1 | 537.3 | 272.9 | 148.0 | 130.9 | 124.1 | 119.8 | 106.1 | 105.2 |
| 77.5° | 2515.6 | 2392.4 | 705.0 | 403.9 | 215.6 | 130.1 | 115.5 | 109.5 | 107.0 | 91.6 | 91.6 |
| 80° | 2006.5 | 1820.8 | 421.8 | 263.5 | 157.4 | 107.8 | 96.7 | 94.1 | 91.6 | 76.2 | 77.0 |
| 82.5° | 1441.7 | 1262.9 | 269.5 | 164.3 | 115.5 | 82.1 | 75.3 | 74.4 | 70.2 | 56.5 | 56.5 |
| 85° | 739.3 | 645.1 | 172.8 | 110.4 | 81.3 | 53.0 | 49.6 | 47.9 | 45.3 | 35.1 | 35.1 |
| 87.5° | 143.7 | 197.7 | 95.8 | 53.9 | 39.4 | 18.8 | 18.8 | 16.3 | 18.8 | 12.8 | 13.7 |
| 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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CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° | 185° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4023.2 | 4023.2 | 4023.2 | 4023.2 | 4023.2 | 4023.2 | 4023.2 | 4023.2 | 4023.2 | 4023.2 | 4023.2 |
| 2.5° | 3318.2 | 3301.0 | 3289.1 | 3283.1 | 3369.5 | 3405.4 | 3446.5 | 3505.5 | 3545.8 | 3528.6 | 3583.4 |
| 5° | 2477.9 | 2489.9 | 2517.3 | 2560.1 | 2680.7 | 2738.0 | 2774.8 | 2823.6 | 2858.7 | 2823.6 | 2881.8 |
| 7.5° | 1694.2 | 1712.1 | 1770.3 | 1858.4 | 2003.9 | 2068.1 | 2080.9 | 2081.8 | 2074.1 | 2016.7 | 2056.1 |
| 10° | 1247.5 | 1211.6 | 1224.4 | 1287.7 | 1417.8 | 1475.1 | 1481.1 | 1465.7 | 1463.1 | 1440.0 | 1484.5 |
| 12.5° | 966.9 | 917.2 | 888.1 | 898.4 | 996.0 | 1043.0 | 1050.7 | 1059.3 | 1094.4 | 1105.5 | 1160.2 |
| 15° | 721.3 | 695.6 | 674.2 | 664.8 | 729.0 | 765.8 | 770.1 | 790.6 | 827.4 | 837.7 | 884.7 |
| 17.5° | 507.4 | 514.2 | 525.4 | 529.6 | 575.8 | 599.8 | 593.0 | 593.0 | 598.9 | 596.4 | 622.9 |
| 20° | 387.6 | 401.3 | 422.7 | 443.2 | 485.1 | 498.8 | 481.7 | 460.3 | 446.6 | 439.8 | 445.8 |
| 22.5° | 342.3 | 351.7 | 365.4 | 391.9 | 427.0 | 433.8 | 411.6 | 394.4 | 381.6 | 374.8 | 375.6 |
| 25° | 317.4 | 326.9 | 338.0 | 359.4 | 389.3 | 392.7 | 372.2 | 361.1 | 350.8 | 344.0 | 342.3 |
| 27.5° | 296.0 | 302.0 | 308.9 | 322.6 | 353.4 | 355.1 | 341.4 | 334.6 | 327.7 | 322.6 | 320.9 |
| 30° | 276.4 | 278.9 | 281.5 | 295.2 | 318.3 | 320.9 | 314.0 | 310.6 | 308.0 | 304.6 | 304.6 |
| 32.5° | 250.7 | 254.1 | 258.4 | 270.4 | 292.6 | 296.0 | 291.8 | 289.2 | 284.9 | 283.2 | 280.6 |
| 35° | 219.9 | 228.5 | 237.9 | 252.4 | 276.4 | 278.1 | 272.9 | 265.2 | 255.0 | 252.4 | 250.7 |
| 37.5° | 207.1 | 208.8 | 220.8 | 237.9 | 262.7 | 264.4 | 257.5 | 244.7 | 237.0 | 237.9 | 239.6 |
| 40° | 198.5 | 201.1 | 207.9 | 225.0 | 249.8 | 252.4 | 246.4 | 237.0 | 229.3 | 230.2 | 232.7 |
| 42.5° | 191.7 | 195.1 | 199.4 | 210.5 | 235.3 | 240.4 | 238.7 | 230.2 | 222.5 | 224.2 | 227.6 |
| 45° | 188.2 | 190.8 | 190.8 | 198.5 | 222.5 | 230.2 | 231.0 | 224.2 | 218.2 | 219.9 | 224.2 |
| 47.5° | 186.5 | 186.5 | 184.0 | 190.0 | 213.9 | 221.6 | 223.3 | 219.9 | 216.5 | 218.2 | 222.5 |
| 50° | 184.0 | 180.5 | 178.0 | 183.1 | 207.1 | 213.9 | 215.6 | 213.1 | 214.8 | 218.2 | 220.8 |
| 52.5° | 176.3 | 172.8 | 172.8 | 176.3 | 200.2 | 207.1 | 207.9 | 206.2 | 209.6 | 213.9 | 218.2 |
| 55° | 166.8 | 166.8 | 167.7 | 171.1 | 196.8 | 201.9 | 201.1 | 199.4 | 202.8 | 207.9 | 212.2 |
| 57.5° | 158.3 | 157.4 | 161.7 | 166.0 | 192.5 | 195.9 | 194.2 | 194.2 | 196.8 | 201.1 | 205.4 |
| 60° | 153.2 | 148.9 | 152.3 | 159.1 | 188.2 | 191.7 | 189.1 | 188.2 | 192.5 | 195.9 | 199.4 |
| 62.5° | 148.0 | 143.7 | 146.3 | 153.2 | 182.3 | 184.8 | 183.1 | 183.1 | 187.4 | 190.0 | 193.4 |
| 65° | 140.3 | 138.6 | 140.3 | 147.2 | 177.1 | 178.0 | 178.0 | 178.8 | 182.3 | 184.0 | 187.4 |
| 67.5° | 133.5 | 133.5 | 134.3 | 141.2 | 172.8 | 171.1 | 171.1 | 175.4 | 176.3 | 178.0 | 181.4 |
| 70° | 124.9 | 126.6 | 126.6 | 135.2 | 169.4 | 163.4 | 164.3 | 167.7 | 169.4 | 171.1 | 172.0 |
| 72.5° | 115.5 | 116.4 | 118.1 | 129.2 | 164.3 | 155.7 | 156.6 | 159.1 | 160.0 | 162.6 | 163.4 |
| 75° | 105.2 | 106.1 | 108.7 | 123.2 | 160.9 | 148.0 | 146.3 | 148.0 | 149.7 | 151.4 | 150.6 |
| 77.5° | 93.3 | 95.0 | 97.5 | 119.8 | 149.7 | 146.3 | 133.5 | 135.2 | 136.9 | 136.9 | 136.0 |
| 80° | 78.7 | 81.3 | 85.6 | 114.7 | 126.6 | 141.2 | 118.9 | 119.8 | 120.6 | 120.6 | 118.9 |
| 82.5° | 59.0 | 64.2 | 70.2 | 95.0 | 99.3 | 120.6 | 102.7 | 104.4 | 101.8 | 100.1 | 99.3 |
| 85° | 38.5 | 42.8 | 51.3 | 65.9 | 72.7 | 95.0 | 84.7 | 85.6 | 80.4 | 79.6 | 79.6 |
| 87.5° | 15.4 | 16.3 | 23.1 | 33.4 | 43.6 | 59.0 | 60.8 | 62.5 | 58.2 | 58.2 | 59.9 |
| 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-SLR-7060-1200

CANDELA DISTRIBUTION (continued):

| | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° | 285° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4023.2 | 4023.2 | 4023.2 | 4023.2 | 4023.2 | 4023.2 | 4023.2 | 4023.2 | 4023.2 | 4023.2 | 4023.2 |
| 2.5° | 3666.4 | 3752.0 | 3850.4 | 3950.5 | 4032.6 | 4138.7 | 4241.4 | 4350.9 | 4406.5 | 4439.0 | 4530.6 |
| 5° | 2972.5 | 3089.7 | 3229.2 | 3385.7 | 3515.8 | 3738.3 | 3977.8 | 4244.8 | 4373.2 | 4499.8 | 4739.4 |
| 7.5° | 2126.3 | 2240.9 | 2403.5 | 2606.3 | 2791.1 | 3084.6 | 3400.3 | 3761.4 | 3939.3 | 4144.7 | 4537.4 |
| 10° | 1578.6 | 1700.1 | 1847.3 | 2019.3 | 2201.5 | 2507.0 | 2861.2 | 3266.8 | 3462.8 | 3694.6 | 4141.3 |
| 12.5° | 1280.0 | 1422.1 | 1574.4 | 1728.4 | 1885.0 | 2090.3 | 2461.7 | 2912.6 | 3123.1 | 3356.7 | 3804.2 |
| 15° | 998.5 | 1150.8 | 1315.1 | 1482.8 | 1638.5 | 1867.9 | 2246.9 | 2780.0 | 3020.4 | 3246.3 | 3612.5 |
| 17.5° | 706.8 | 850.5 | 1035.3 | 1239.0 | 1464.8 | 1736.1 | 2200.7 | 2838.1 | 3129.9 | 3366.1 | 3611.6 |
| 20° | 481.7 | 581.0 | 765.8 | 1007.1 | 1286.0 | 1630.0 | 2217.8 | 3042.6 | 3407.1 | 3666.4 | 3759.7 |
| 22.5° | 385.0 | 432.1 | 557.0 | 802.6 | 1132.0 | 1553.0 | 2288.0 | 3323.3 | 3805.0 | 4120.7 | 4029.2 |
| 25° | 350.0 | 376.5 | 441.5 | 634.0 | 995.1 | 1501.6 | 2424.9 | 3693.8 | 4250.8 | 4570.8 | 4353.5 |
| 27.5° | 328.6 | 351.7 | 393.6 | 521.1 | 877.0 | 1468.3 | 2598.6 | 4130.2 | 4753.1 | 5015.7 | 4691.4 |
| 30° | 314.9 | 338.0 | 376.5 | 468.0 | 788.0 | 1418.6 | 2750.9 | 4528.9 | 5154.3 | 5324.6 | 4873.7 |
| 32.5° | 288.3 | 306.3 | 338.0 | 419.3 | 721.3 | 1360.5 | 2882.6 | 4885.7 | 5533.4 | 5589.9 | 5092.7 |
| 35° | 261.0 | 279.8 | 311.5 | 379.9 | 681.9 | 1315.1 | 2951.9 | 5202.3 | 5909.0 | 5855.1 | 5310.1 |
| 37.5° | 250.7 | 266.1 | 295.2 | 351.7 | 660.6 | 1285.2 | 2978.5 | 5513.7 | 6312.0 | 6148.6 | 5461.5 |
| 40° | 243.9 | 257.5 | 283.2 | 332.8 | 654.6 | 1256.9 | 2972.5 | 5809.8 | 6703.0 | 6452.3 | 5580.5 |
| 42.5° | 238.7 | 250.7 | 274.7 | 320.0 | 638.3 | 1230.4 | 2952.8 | 6065.6 | 7016.2 | 6714.2 | 5694.3 |
| 45° | 234.4 | 247.3 | 271.2 | 326.9 | 608.4 | 1201.3 | 2940.8 | 6299.2 | 7256.6 | 6934.9 | 5846.6 |
| 47.5° | 232.7 | 247.3 | 272.1 | 325.1 | 575.8 | 1168.8 | 2983.6 | 6558.4 | 7466.3 | 7120.6 | 6049.3 |
| 50° | 230.2 | 246.4 | 290.9 | 309.7 | 531.3 | 1128.6 | 3128.2 | 6867.3 | 7686.2 | 7329.4 | 6312.0 |
| 52.5° | 225.9 | 245.6 | 310.6 | 297.8 | 474.0 | 1073.0 | 3362.6 | 7303.7 | 8066.1 | 7735.8 | 6700.5 |
| 55° | 220.8 | 247.3 | 296.9 | 278.9 | 413.3 | 1001.1 | 3597.1 | 7901.8 | 8682.1 | 8391.2 | 7258.4 |
| 57.5° | 214.8 | 244.7 | 280.6 | 261.8 | 362.8 | 910.4 | 3775.1 | 8392.1 | 9190.4 | 9067.2 | 7943.7 |
| 60° | 210.5 | 250.7 | 252.4 | 251.6 | 330.3 | 824.0 | 3792.2 | 8360.4 | 9336.7 | 9506.1 | 8614.5 |
| 62.5° | 205.4 | 255.8 | 230.2 | 243.9 | 314.0 | 743.5 | 3580.8 | 7842.8 | 9089.4 | 9449.6 | 9161.3 |
| 65° | 198.5 | 223.3 | 218.2 | 237.0 | 314.0 | 700.8 | 3088.8 | 6981.1 | 8405.8 | 8915.7 | 9458.2 |
| 67.5° | 191.7 | 202.8 | 209.6 | 227.6 | 320.9 | 660.6 | 2482.2 | 5888.5 | 7327.7 | 8054.1 | 9124.5 |
| 70° | 182.3 | 191.7 | 200.2 | 219.0 | 317.4 | 632.3 | 1953.4 | 4719.7 | 6030.5 | 6862.2 | 8201.3 |
| 72.5° | 173.7 | 180.5 | 189.1 | 206.2 | 317.4 | 619.5 | 1569.2 | 3702.3 | 4604.2 | 5304.9 | 6793.7 |
| 75° | 160.9 | 166.8 | 174.5 | 193.4 | 311.5 | 566.4 | 1178.2 | 2966.5 | 3368.6 | 3807.6 | 5360.6 |
| 77.5° | 148.0 | 152.3 | 158.3 | 177.1 | 280.6 | 473.2 | 833.4 | 2297.4 | 2495.9 | 2738.9 | 4178.9 |
| 80° | 131.8 | 135.2 | 139.5 | 158.3 | 232.7 | 367.1 | 542.5 | 1796.8 | 1866.1 | 1983.4 | 2749.2 |
| 82.5° | 112.9 | 118.1 | 118.9 | 136.0 | 187.4 | 266.1 | 322.6 | 1231.3 | 1230.4 | 1402.4 | 1939.7 |
| 85° | 92.4 | 95.0 | 96.7 | 107.0 | 138.6 | 177.1 | 212.2 | 672.5 | 599.8 | 840.2 | 1684.7 |
| 87.5° | 69.3 | 66.7 | 69.3 | 71.9 | 91.6 | 104.4 | 113.8 | 124.1 | 74.4 | 152.3 | 979.7 |
| 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-SLR-7060-1200

CANDELA DISTRIBUTION (continued):

| | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4023.2 | 4023.2 | 4023.2 | 4023.2 | 4023.2 | 4023.2 | 4023.2 | 4023.2 |
| 2.5° | 4579.4 | 4629.8 | 4599.9 | 4564.0 | 4474.1 | 4342.3 | 4241.4 | 4153.3 |
| 5° | 4905.4 | 4998.6 | 4957.5 | 4824.1 | 4591.3 | 4326.9 | 4048.9 | 3879.4 |
| 7.5° | 4864.3 | 5049.1 | 5032.8 | 4810.4 | 4476.7 | 4087.4 | 3696.3 | 3473.0 |
| 10° | 4535.7 | 4795.0 | 4839.5 | 4611.9 | 4258.5 | 3823.0 | 3370.3 | 3117.9 |
| 12.5° | 4178.1 | 4396.3 | 4487.0 | 4400.5 | 4067.7 | 3625.3 | 3164.1 | 2911.7 |
| 15° | 3878.6 | 3989.0 | 4078.8 | 4134.4 | 3928.2 | 3555.2 | 3128.2 | 2868.1 |
| 17.5° | 3657.0 | 3635.6 | 3710.9 | 3844.4 | 3852.9 | 3648.4 | 3290.8 | 2999.9 |
| 20° | 3550.0 | 3382.3 | 3426.0 | 3613.3 | 3832.4 | 3885.4 | 3615.1 | 3271.1 |
| 22.5° | 3544.0 | 3282.2 | 3290.8 | 3492.7 | 3891.4 | 4208.9 | 4019.8 | 3627.9 |
| 25° | 3636.4 | 3271.1 | 3278.8 | 3479.9 | 3995.8 | 4534.9 | 4487.8 | 4030.9 |
| 27.5° | 3793.9 | 3319.0 | 3313.9 | 3536.3 | 4135.3 | 4807.0 | 4960.1 | 4523.7 |
| 30° | 3964.2 | 3388.3 | 3375.5 | 3627.0 | 4272.2 | 4974.7 | 5295.5 | 4895.1 |
| 32.5° | 4176.4 | 3511.5 | 3467.0 | 3759.7 | 4407.4 | 5135.5 | 5582.2 | 5242.5 |
| 35° | 4378.3 | 3692.1 | 3627.9 | 3949.6 | 4552.0 | 5314.3 | 5903.0 | 5626.7 |
| 37.5° | 4584.5 | 3961.6 | 3925.7 | 4223.4 | 4756.5 | 5508.6 | 6270.1 | 6062.2 |
| 40° | 4848.9 | 4344.9 | 4327.8 | 4621.3 | 5029.4 | 5720.8 | 6681.7 | 6515.7 |
| 42.5° | 5133.8 | 4752.2 | 4737.7 | 5078.2 | 5368.3 | 5933.8 | 7034.2 | 6905.0 |
| 45° | 5423.9 | 5245.9 | 5249.3 | 5565.9 | 5725.1 | 6134.9 | 7311.4 | 7216.4 |
| 47.5° | 5766.1 | 5785.8 | 5908.2 | 6071.6 | 6072.4 | 6359.1 | 7557.0 | 7506.5 |
| 50° | 6200.8 | 6437.8 | 6663.7 | 6689.4 | 6423.3 | 6655.1 | 7857.3 | 7838.5 |
| 52.5° | 6692.8 | 7189.9 | 7452.6 | 7371.3 | 6765.5 | 7022.2 | 8301.4 | 8300.5 |
| 55° | 7277.2 | 7976.2 | 8223.5 | 8084.9 | 7175.4 | 7500.5 | 8881.5 | 8843.8 |
| 57.5° | 7883.0 | 8732.6 | 8932.0 | 8751.4 | 7687.9 | 8057.5 | 9463.3 | 9264.0 |
| 60° | 8537.5 | 9383.7 | 9586.5 | 9315.3 | 8262.9 | 8612.8 | 9848.4 | 9382.0 |
| 62.5° | 8966.2 | 9764.5 | 9910.0 | 9649.9 | 8778.0 | 9178.4 | 9972.4 | 9240.9 |
| 65° | 8988.4 | 9511.2 | 9549.7 | 9457.3 | 8997.0 | 9669.5 | 9792.7 | 8822.5 |
| 67.5° | 8377.5 | 8408.3 | 8458.8 | 8558.1 | 8529.0 | 9450.5 | 9099.7 | 7845.3 |
| 70° | 7071.0 | 6660.3 | 6826.3 | 6922.1 | 7137.7 | 8405.8 | 7818.8 | 6380.5 |
| 72.5° | 5406.8 | 4807.0 | 4995.2 | 4962.7 | 5411.0 | 6894.7 | 5981.7 | 4914.8 |
| 75° | 3891.4 | 3277.9 | 3292.5 | 3294.2 | 3888.0 | 5503.4 | 4078.8 | 3490.1 |
| 77.5° | 2644.8 | 2319.6 | 2367.5 | 2337.6 | 2602.0 | 4311.5 | 2936.5 | 2515.6 |
| 80° | 1808.8 | 1800.3 | 1810.5 | 1740.4 | 1735.2 | 2786.8 | 2174.2 | 2006.5 |
| 82.5° | 1341.6 | 1239.8 | 1225.3 | 1150.8 | 1329.7 | 2130.5 | 1650.5 | 1441.7 |
| 85° | 1058.4 | 686.2 | 596.4 | 719.6 | 1151.7 | 1960.3 | 1006.2 | 739.3 |
| 87.5° | 448.4 | 269.5 | 163.4 | 323.4 | 640.0 | 1436.6 | 278.9 | 143.7 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)