

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: P192114

Luminaire Tested: **GAN-AF-06-LED-U-SLR-7050-600**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P192114
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P24296)
Test Lab: INNOVATION CENTER P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAN-AF-06-LED-U-SLR-7050-600
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 70 CRI, 5000K, 615mA 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: 20613 lumens
Efficiency: N/A
Efficacy: 106.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B2 - U0 - G4

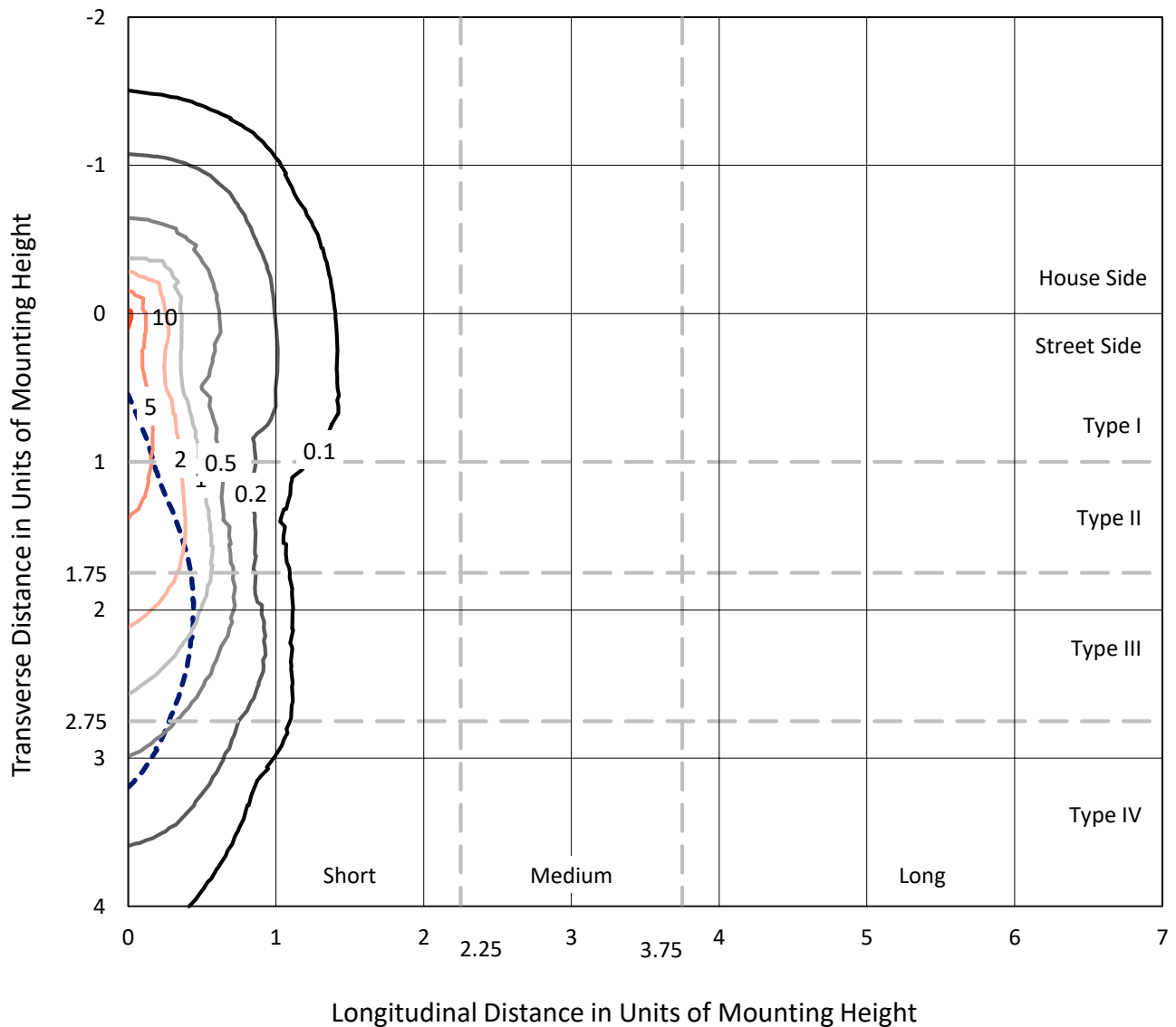
Input Watts (W): 193
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P192114
 CATALOG NUMBER: GAN-AF-06-LED-U-SLR-7050-600

Iso-Footcandle Lines of Horizontal Illumination

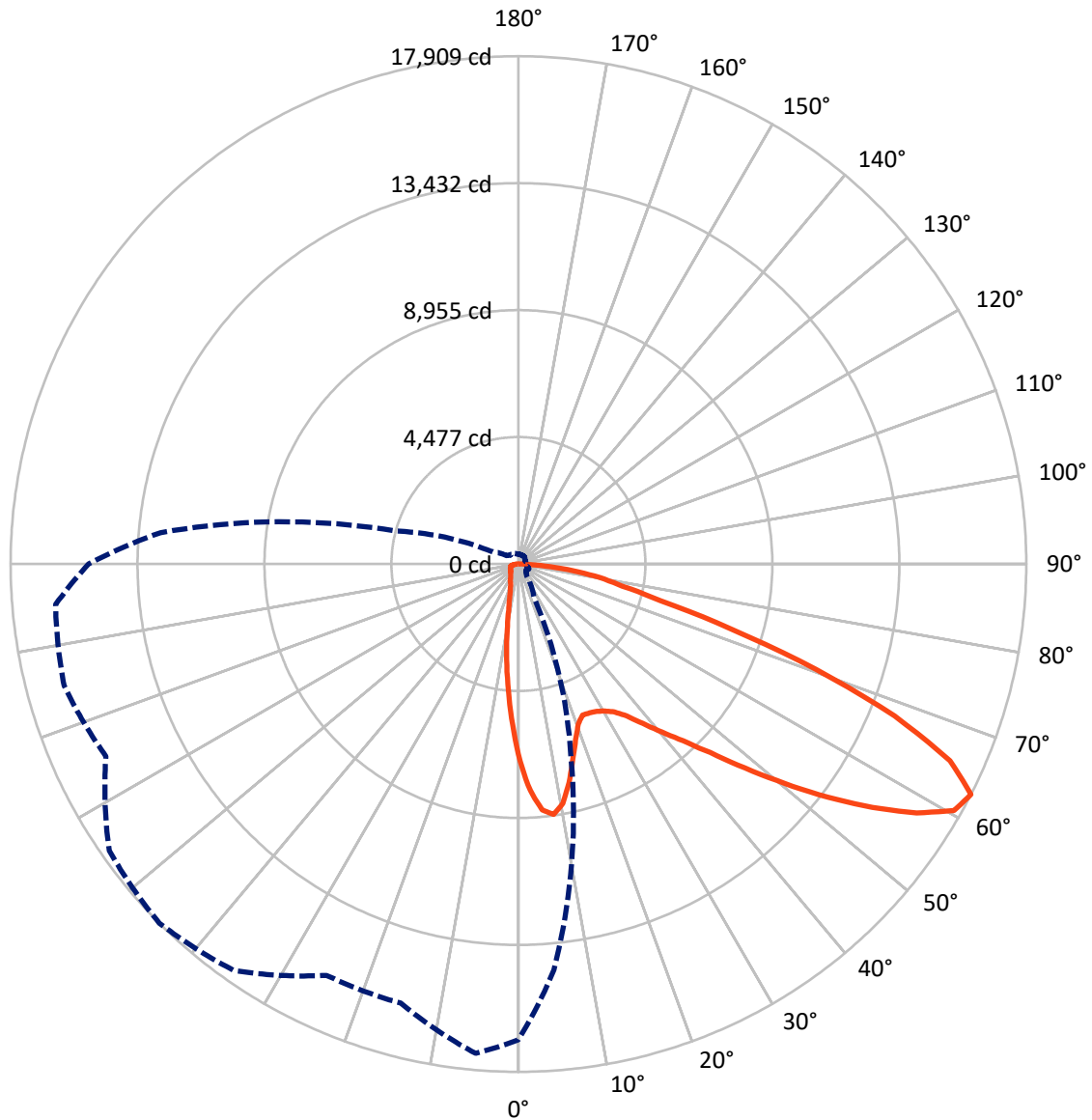
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11.1 fc
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P192114
CATALOG NUMBER: GAN-AF-06-LED-U-SLR-7050-600

Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 62.5-Deg Vertical

REPORT NUMBER: P192114

CATALOG NUMBER: GAN-AF-06-LED-U-SLR-7050-600

FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 3411.2 | 0.0 | 3411.2 |
| | % Fixture | 16.5 | 0.0 | 16.5 |
| Street Side | Lumens | 17201.8 | 0.0 | 17201.8 |
| | % Fixture | 83.5 | 0.0 | 83.5 |
| Total | Lumens | 20613.0 | 0.0 | 20613.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 507.0 | 2.5 |
| 10°-20° | 929.6 | 4.5 |
| 20°-30° | 1355.4 | 6.6 |
| 30°-40° | 2087.5 | 10.1 |
| 40°-50° | 3072.3 | 14.9 |
| 50°-60° | 4506.4 | 21.9 |
| 60°-70° | 5037.5 | 24.4 |
| 70°-80° | 2466.3 | 12.0 |
| 80°-90° | 651.2 | 3.2 |
| 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° | 20613.0 | 100.0 |
| 0°-180° | 20613.0 | 100.0 |

Coefficient of Utilization



REPORT NUMBER: P192114

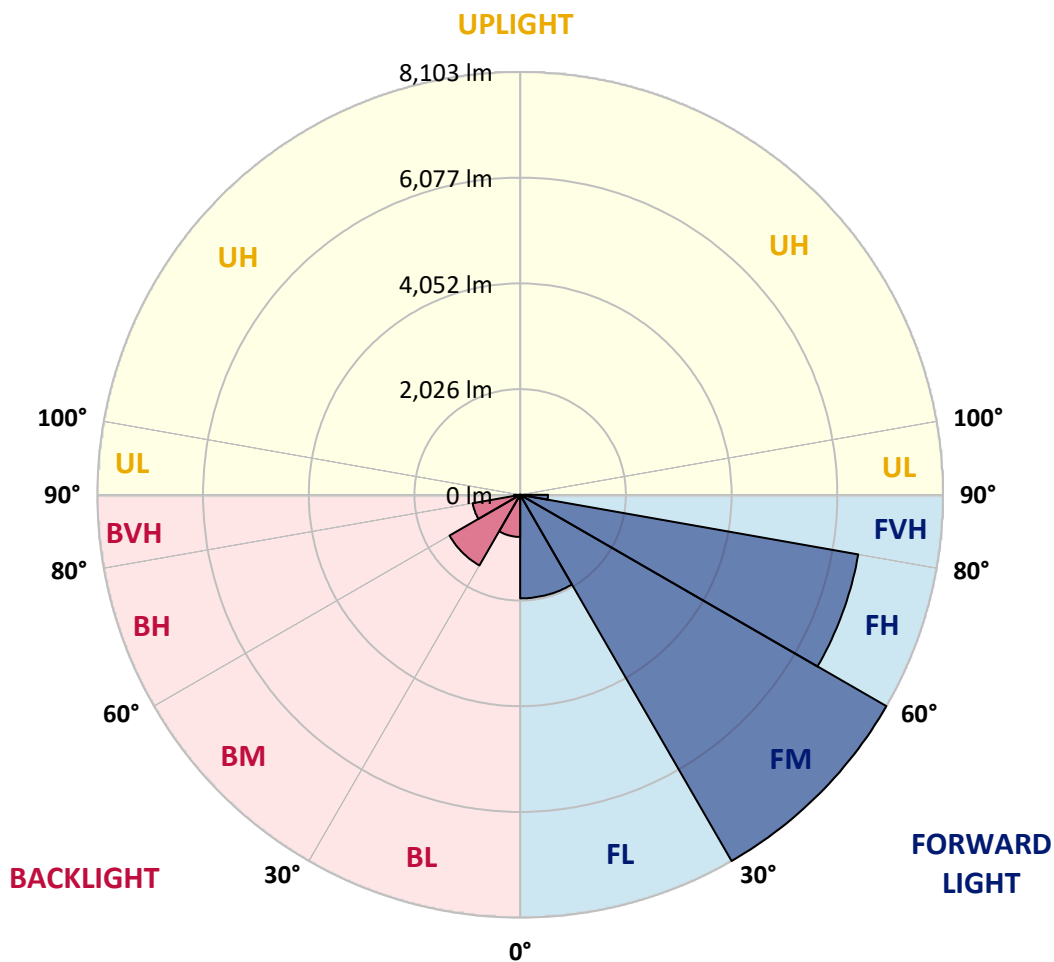
CATALOG NUMBER: GAN-AF-06-LED-U-SLR-7050-600

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 1985.0 | 9.6 | | | |
| FM | (30°-60°) | 8103.2 | 39.3 | | | |
| FH | (60°-80°) | 6579.0 | 31.9 | | | G3/7500 |
| FVH | (80°-90°) | 534.8 | 2.6 | | | G4/750 |
| BL | (0°-30°) | 807.0 | 3.9 | B2/1000 | | |
| BM | (30°-60°) | 1563.0 | 7.6 | B2/2500 | | |
| BH | (60°-80°) | 924.8 | 4.5 | B2/1000 | | G2/1000 |
| BVH | (80°-90°) | 116.4 | 0.6 | | | G2/225 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B2-U0-G4

Type IV Short





REPORT NUMBER: P192114
 CATALOG NUMBER: GAN-AF-06-LED-U-SLR-7050-600

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6964.2 | 6964.2 | 6964.2 | 6964.2 | 6964.2 | 6964.2 | 6964.2 | 6964.2 | 6964.2 | 6964.2 | 6964.2 |
| 2.5° | 7236.1 | 7088.8 | 6844.1 | 6589.1 | 6433.9 | 6252.6 | 6110.9 | 5986.3 | 5737.0 | 5688.3 | 5732.5 |
| 5° | 6804.4 | 6508.7 | 6047.5 | 5582.9 | 5273.6 | 4941.6 | 4683.2 | 4475.8 | 4159.7 | 4104.2 | 4171.0 |
| 7.5° | 6112.1 | 5758.5 | 5148.9 | 4556.3 | 4118.9 | 3704.2 | 3425.4 | 3203.3 | 2956.3 | 2849.8 | 2856.6 |
| 10° | 5514.9 | 5116.1 | 4395.4 | 3750.6 | 3392.6 | 3112.7 | 2878.1 | 2650.4 | 2400.0 | 2235.7 | 2190.3 |
| 12.5° | 5180.6 | 4721.7 | 3891.1 | 3315.5 | 2983.5 | 2688.9 | 2436.2 | 2192.6 | 1925.2 | 1757.5 | 1709.9 |
| 15° | 5122.9 | 4624.3 | 3701.9 | 3036.8 | 2620.9 | 2248.1 | 1950.1 | 1678.2 | 1402.8 | 1266.8 | 1238.5 |
| 17.5° | 5373.3 | 4798.8 | 3640.7 | 2788.6 | 2279.8 | 1819.8 | 1453.8 | 1150.1 | 925.8 | 857.8 | 852.1 |
| 20° | 5853.7 | 5134.2 | 3632.8 | 2555.2 | 1943.3 | 1403.9 | 1013.0 | 792.1 | 693.5 | 674.2 | 675.3 |
| 22.5° | 6527.9 | 5654.3 | 3730.2 | 2379.6 | 1634.0 | 1047.0 | 761.5 | 662.9 | 624.4 | 606.2 | 606.2 |
| 25° | 7400.4 | 6370.4 | 3954.6 | 2251.5 | 1365.4 | 836.2 | 671.9 | 613.0 | 576.8 | 564.3 | 566.6 |
| 27.5° | 8245.7 | 7067.3 | 4215.2 | 2150.7 | 1189.8 | 759.2 | 636.8 | 583.6 | 551.8 | 539.4 | 545.0 |
| 30° | 8905.2 | 7686.0 | 4432.8 | 2013.6 | 1100.3 | 737.7 | 649.3 | 594.9 | 549.6 | 530.3 | 531.4 |
| 32.5° | 9451.4 | 8227.6 | 4615.2 | 1915.0 | 1020.9 | 632.3 | 559.8 | 536.0 | 530.3 | 507.6 | 496.3 |
| 35° | 10149.4 | 8818.0 | 4737.6 | 1917.2 | 983.6 | 564.3 | 498.6 | 456.6 | 426.1 | 400.0 | 400.0 |
| 37.5° | 10967.5 | 9495.6 | 4867.9 | 1943.3 | 970.0 | 524.6 | 477.0 | 435.1 | 406.8 | 381.9 | 377.3 |
| 40° | 11776.6 | 10159.6 | 4986.9 | 1968.2 | 962.0 | 500.8 | 460.0 | 421.5 | 395.5 | 370.5 | 363.7 |
| 42.5° | 12464.4 | 10705.8 | 5093.4 | 1980.7 | 934.8 | 498.6 | 447.6 | 412.5 | 387.5 | 360.3 | 353.5 |
| 45° | 12973.1 | 11163.5 | 5207.8 | 2000.0 | 907.6 | 507.6 | 447.6 | 411.3 | 380.7 | 354.7 | 347.9 |
| 47.5° | 13427.5 | 11700.6 | 5399.3 | 2000.0 | 874.8 | 490.6 | 462.3 | 412.5 | 379.6 | 352.4 | 346.7 |
| 50° | 14036.0 | 12437.2 | 5761.9 | 1953.5 | 828.3 | 472.5 | 487.2 | 407.9 | 369.4 | 347.9 | 341.1 |
| 52.5° | 14874.5 | 13381.1 | 6337.6 | 1873.1 | 756.9 | 437.4 | 483.8 | 405.7 | 359.2 | 336.5 | 328.6 |
| 55° | 15866.0 | 14391.8 | 6965.3 | 1779.0 | 650.4 | 412.5 | 466.8 | 400.0 | 347.9 | 322.9 | 315.0 |
| 57.5° | 16639.9 | 15087.5 | 7407.2 | 1634.0 | 557.5 | 398.9 | 413.6 | 394.3 | 334.3 | 308.2 | 301.4 |
| 60° | 16948.1 | 15060.4 | 7528.5 | 1440.2 | 512.2 | 387.5 | 361.5 | 441.9 | 322.9 | 296.9 | 288.9 |
| 62.5° | 16781.6 | 14364.6 | 7188.5 | 1304.2 | 502.0 | 372.8 | 338.8 | 409.1 | 313.9 | 288.9 | 277.6 |
| 65° | 16012.2 | 13131.8 | 6287.7 | 1268.0 | 531.4 | 358.1 | 324.1 | 320.7 | 301.4 | 277.6 | 266.3 |
| 67.5° | 14336.3 | 11289.3 | 5034.5 | 1271.4 | 568.8 | 343.3 | 309.3 | 293.5 | 284.4 | 265.2 | 255.0 |
| 70° | 11676.8 | 8925.6 | 3752.9 | 1280.4 | 588.1 | 326.3 | 293.5 | 276.5 | 266.3 | 247.0 | 240.2 |
| 72.5° | 8585.7 | 6879.2 | 2726.3 | 1221.5 | 591.5 | 307.1 | 271.9 | 257.2 | 247.0 | 226.6 | 221.0 |
| 75° | 5874.1 | 5262.2 | 1891.2 | 1011.9 | 515.6 | 279.9 | 248.2 | 234.6 | 227.8 | 202.8 | 199.4 |
| 77.5° | 4291.1 | 3950.1 | 1210.2 | 751.3 | 397.7 | 245.9 | 218.7 | 208.5 | 204.0 | 176.8 | 172.2 |
| 80° | 3443.6 | 3125.2 | 756.9 | 514.4 | 291.2 | 206.2 | 183.6 | 177.9 | 173.4 | 146.2 | 142.8 |
| 82.5° | 2388.6 | 2092.9 | 486.1 | 334.3 | 218.7 | 159.8 | 145.0 | 142.8 | 136.0 | 111.0 | 107.6 |
| 85° | 1260.0 | 1136.5 | 308.2 | 227.8 | 158.6 | 109.9 | 100.8 | 100.8 | 97.4 | 73.7 | 71.4 |
| 87.5° | 160.9 | 261.8 | 156.4 | 119.0 | 87.3 | 48.7 | 48.7 | 47.6 | 51.0 | 41.9 | 36.3 |
| 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: P192114
 CATALOG NUMBER: GAN-AF-06-LED-U-SLR-7050-600

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° | 185° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6964.2 | 6964.2 | 6964.2 | 6964.2 | 6964.2 | 6964.2 | 6964.2 | 6964.2 | 6964.2 | 6964.2 | 6964.2 |
| 2.5° | 5628.2 | 5682.6 | 5630.5 | 5633.9 | 5691.7 | 5863.9 | 5942.1 | 6006.7 | 6075.8 | 6121.1 | 6141.5 |
| 5° | 4079.2 | 4206.2 | 4249.2 | 4339.9 | 4473.6 | 4693.4 | 4780.7 | 4844.1 | 4886.0 | 4911.0 | 4921.2 |
| 7.5° | 2789.8 | 2866.8 | 2952.9 | 3099.1 | 3390.3 | 3519.5 | 3577.3 | 3562.5 | 3515.0 | 3498.0 | 3481.0 |
| 10° | 2103.1 | 2072.5 | 2056.6 | 2137.1 | 2372.8 | 2503.1 | 2543.9 | 2504.2 | 2478.1 | 2483.8 | 2512.1 |
| 12.5° | 1629.4 | 1576.2 | 1511.6 | 1502.5 | 1657.8 | 1774.5 | 1800.5 | 1802.8 | 1850.4 | 1892.3 | 1954.6 |
| 15° | 1187.5 | 1181.8 | 1150.1 | 1130.9 | 1219.2 | 1314.4 | 1325.8 | 1346.2 | 1389.2 | 1419.8 | 1474.2 |
| 17.5° | 837.4 | 868.0 | 892.9 | 905.4 | 972.2 | 1040.2 | 1027.7 | 1017.5 | 1009.6 | 1009.6 | 1035.7 |
| 20° | 675.3 | 695.7 | 727.5 | 763.7 | 831.7 | 879.3 | 848.7 | 807.9 | 778.5 | 769.4 | 772.8 |
| 22.5° | 608.5 | 624.4 | 642.5 | 674.2 | 735.4 | 768.3 | 735.4 | 705.9 | 676.5 | 666.3 | 662.9 |
| 25° | 574.5 | 594.9 | 611.9 | 635.7 | 681.0 | 703.7 | 671.9 | 650.4 | 632.3 | 619.8 | 610.8 |
| 27.5° | 555.2 | 573.4 | 577.9 | 589.2 | 627.8 | 648.1 | 632.3 | 623.2 | 611.9 | 600.6 | 589.2 |
| 30° | 534.8 | 531.4 | 523.5 | 524.6 | 555.2 | 575.6 | 574.5 | 576.8 | 575.6 | 572.2 | 570.0 |
| 32.5° | 488.4 | 481.6 | 474.8 | 481.6 | 509.9 | 528.0 | 529.2 | 533.7 | 533.7 | 532.6 | 541.6 |
| 35° | 406.8 | 419.3 | 427.2 | 447.6 | 481.6 | 497.4 | 490.6 | 479.3 | 458.9 | 446.5 | 445.3 |
| 37.5° | 376.2 | 378.5 | 392.1 | 420.4 | 457.8 | 472.5 | 462.3 | 436.3 | 422.7 | 420.4 | 423.8 |
| 40° | 361.5 | 363.7 | 371.7 | 397.7 | 435.1 | 449.9 | 440.8 | 421.5 | 409.1 | 407.9 | 413.6 |
| 42.5° | 351.3 | 353.5 | 358.1 | 376.2 | 406.8 | 424.9 | 426.1 | 412.5 | 397.7 | 398.9 | 404.5 |
| 45° | 345.6 | 346.7 | 345.6 | 354.7 | 383.0 | 404.5 | 413.6 | 404.5 | 392.1 | 394.3 | 401.1 |
| 47.5° | 344.5 | 341.1 | 336.5 | 338.8 | 368.3 | 389.8 | 401.1 | 397.7 | 392.1 | 394.3 | 400.0 |
| 50° | 339.9 | 332.0 | 326.3 | 325.2 | 354.7 | 377.3 | 387.5 | 387.5 | 389.8 | 394.3 | 400.0 |
| 52.5° | 326.3 | 317.3 | 317.3 | 313.9 | 345.6 | 367.1 | 373.9 | 375.1 | 378.5 | 386.4 | 394.3 |
| 55° | 309.3 | 305.9 | 309.3 | 303.7 | 338.8 | 359.2 | 362.6 | 364.9 | 367.1 | 373.9 | 385.3 |
| 57.5° | 294.6 | 290.1 | 298.0 | 295.7 | 333.1 | 351.3 | 351.3 | 355.8 | 355.8 | 364.9 | 373.9 |
| 60° | 286.7 | 277.6 | 281.0 | 283.3 | 325.2 | 344.5 | 342.2 | 346.7 | 349.0 | 356.9 | 363.7 |
| 62.5° | 276.5 | 268.6 | 268.6 | 274.2 | 316.1 | 334.3 | 333.1 | 336.5 | 345.6 | 347.9 | 354.7 |
| 65° | 264.0 | 260.6 | 257.2 | 264.0 | 307.1 | 322.9 | 324.1 | 328.6 | 336.5 | 338.8 | 344.5 |
| 67.5° | 251.6 | 252.7 | 245.9 | 252.7 | 299.1 | 311.6 | 311.6 | 320.7 | 324.1 | 328.6 | 334.3 |
| 70° | 238.0 | 239.1 | 233.4 | 241.4 | 293.5 | 299.1 | 298.0 | 310.5 | 312.7 | 316.1 | 321.8 |
| 72.5° | 221.0 | 221.0 | 218.7 | 230.0 | 284.4 | 286.7 | 284.4 | 294.6 | 295.7 | 299.1 | 301.4 |
| 75° | 202.8 | 202.8 | 200.6 | 216.4 | 278.7 | 273.1 | 266.3 | 274.2 | 276.5 | 278.7 | 278.7 |
| 77.5° | 179.0 | 181.3 | 181.3 | 200.6 | 259.5 | 267.4 | 244.8 | 249.3 | 252.7 | 253.8 | 250.4 |
| 80° | 149.6 | 155.2 | 157.5 | 182.4 | 217.6 | 247.0 | 218.7 | 222.1 | 223.2 | 223.2 | 218.7 |
| 82.5° | 114.4 | 124.6 | 130.3 | 157.5 | 166.6 | 207.4 | 190.4 | 193.8 | 190.4 | 183.6 | 181.3 |
| 85° | 79.3 | 92.9 | 99.7 | 120.1 | 125.8 | 159.8 | 158.6 | 158.6 | 151.8 | 142.8 | 141.6 |
| 87.5° | 43.1 | 51.0 | 55.5 | 71.4 | 86.1 | 107.6 | 116.7 | 113.3 | 107.6 | 102.0 | 103.1 |
| 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: P192114

CATALOG NUMBER: GAN-AF-06-LED-U-SLR-7050-600

CANDELA DISTRIBUTION (continued):

| | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° | 285° |
|-------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| 0° | 6964.2 | 6964.2 | 6964.2 | 6964.2 | 6964.2 | 6964.2 | 6964.2 | 6964.2 | 6964.2 | 6964.2 | 6964.2 |
| 2.5° | 6248.0 | 6402.2 | 6648.0 | 6836.1 | 7025.4 | 7207.8 | 7405.0 | 7555.7 | 7683.7 | 7733.6 | 7885.4 |
| 5° | 5024.3 | 5216.9 | 5449.2 | 5868.5 | 6165.3 | 6492.8 | 6871.3 | 7372.1 | 7564.7 | 7831.0 | 8267.3 |
| 7.5° | 3552.3 | 3726.8 | 4100.8 | 4439.6 | 4860.0 | 5323.4 | 5834.5 | 6525.7 | 6778.3 | 7205.5 | 7916.0 |
| 10° | 2652.6 | 2855.5 | 3155.8 | 3441.3 | 3811.8 | 4285.5 | 4872.4 | 5645.2 | 5952.3 | 6415.7 | 7233.9 |
| 12.5° | 2137.1 | 2376.2 | 2694.6 | 2963.1 | 3249.8 | 3584.1 | 4154.0 | 5001.6 | 5412.9 | 5818.6 | 6645.8 |
| 15° | 1641.9 | 1892.3 | 2188.1 | 2529.1 | 2845.3 | 3205.6 | 3802.8 | 4729.7 | 5203.3 | 5626.0 | 6331.9 |
| 17.5° | 1136.5 | 1350.7 | 1723.5 | 2079.3 | 2483.8 | 2945.0 | 3705.3 | 4787.5 | 5352.9 | 5840.1 | 6386.3 |
| 20° | 805.7 | 928.0 | 1234.0 | 1646.4 | 2150.7 | 2729.7 | 3687.2 | 5091.1 | 5826.5 | 6382.9 | 6735.3 |
| 22.5° | 677.6 | 722.9 | 900.8 | 1279.3 | 1861.7 | 2568.8 | 3750.6 | 5517.2 | 6465.6 | 7176.1 | 7291.7 |
| 25° | 617.6 | 644.7 | 737.7 | 1003.9 | 1604.5 | 2452.1 | 3964.8 | 6151.7 | 7256.5 | 7969.3 | 7948.9 |
| 27.5° | 584.7 | 613.0 | 674.2 | 847.6 | 1410.7 | 2379.6 | 4179.0 | 6904.1 | 8160.8 | 8830.4 | 8576.6 |
| 30° | 574.5 | 613.0 | 677.6 | 798.9 | 1272.5 | 2265.1 | 4354.6 | 7564.7 | 8856.5 | 9411.7 | 8862.2 |
| 32.5° | 566.6 | 572.2 | 601.7 | 688.9 | 1141.1 | 2131.4 | 4473.6 | 8157.4 | 9537.5 | 9964.7 | 9273.5 |
| 35° | 457.8 | 486.1 | 533.7 | 617.6 | 1064.0 | 2051.0 | 4473.6 | 8668.4 | 10208.3 | 10523.3 | 9665.6 |
| 37.5° | 440.8 | 465.7 | 507.6 | 579.0 | 1020.9 | 2011.3 | 4384.1 | 9161.3 | 10893.9 | 11156.7 | 9988.5 |
| 40° | 431.7 | 452.1 | 491.8 | 549.6 | 1002.8 | 1966.0 | 4253.7 | 9596.4 | 11563.5 | 11791.3 | 10289.9 |
| 42.5° | 424.9 | 443.1 | 480.4 | 531.4 | 979.0 | 1916.1 | 4148.4 | 9945.4 | 12144.8 | 12332.9 | 10577.7 |
| 45° | 421.5 | 440.8 | 481.6 | 540.5 | 931.4 | 1850.4 | 4113.2 | 10322.8 | 12623.0 | 12785.0 | 10889.3 |
| 47.5° | 421.5 | 444.2 | 487.2 | 559.8 | 874.8 | 1782.4 | 4223.2 | 10820.2 | 13075.1 | 13154.4 | 11256.5 |
| 50° | 418.1 | 443.1 | 503.1 | 540.5 | 792.1 | 1696.3 | 4481.5 | 11446.8 | 13564.6 | 13573.7 | 11721.0 |
| 52.5° | 411.3 | 440.8 | 541.6 | 529.2 | 696.9 | 1583.0 | 4830.5 | 12251.3 | 14288.7 | 14343.1 | 12448.5 |
| 55° | 403.4 | 437.4 | 531.4 | 503.1 | 618.7 | 1448.1 | 5116.1 | 13229.2 | 15306.2 | 15456.9 | 13518.2 |
| 57.5° | 393.2 | 432.9 | 514.4 | 466.8 | 567.7 | 1274.8 | 5219.2 | 13945.4 | 16016.7 | 16395.2 | 14723.8 |
| 60° | 384.1 | 429.5 | 464.6 | 445.3 | 536.0 | 1128.6 | 5019.7 | 13803.7 | 15968.0 | 16783.8 | 15792.4 |
| 62.5° | 375.1 | 432.9 | 423.8 | 431.7 | 521.2 | 1034.5 | 4498.5 | 12669.5 | 15160.1 | 16382.7 | 16584.4 |
| 65° | 364.9 | 402.3 | 400.0 | 420.4 | 517.8 | 997.1 | 3729.1 | 10968.6 | 13598.6 | 15114.7 | 16771.4 |
| 67.5° | 351.3 | 371.7 | 383.0 | 405.7 | 529.2 | 964.3 | 3009.6 | 9048.0 | 11428.7 | 13214.5 | 15796.9 |
| 70° | 336.5 | 353.5 | 366.0 | 387.5 | 522.4 | 949.6 | 2503.1 | 7135.3 | 9068.4 | 10830.4 | 13874.0 |
| 72.5° | 317.3 | 332.0 | 343.3 | 363.7 | 515.6 | 941.6 | 2114.4 | 5746.1 | 6770.4 | 8045.2 | 11280.3 |
| 75° | 294.6 | 308.2 | 316.1 | 336.5 | 494.0 | 862.3 | 1662.3 | 4862.2 | 5066.2 | 5596.5 | 8984.5 |
| 77.5° | 268.6 | 278.7 | 285.5 | 308.2 | 437.4 | 717.3 | 1202.2 | 3750.6 | 3934.2 | 4063.4 | 6888.3 |
| 80° | 238.0 | 248.2 | 251.6 | 273.1 | 362.6 | 560.9 | 784.1 | 2770.5 | 2942.7 | 2972.2 | 4498.5 |
| 82.5° | 202.8 | 213.0 | 213.0 | 233.4 | 296.9 | 403.4 | 514.4 | 1898.0 | 1932.0 | 2031.7 | 3179.5 |
| 85° | 163.2 | 171.1 | 171.1 | 181.3 | 230.0 | 301.4 | 353.5 | 953.0 | 942.8 | 1076.5 | 2754.6 |
| 87.5° | 116.7 | 122.4 | 128.0 | 130.3 | 164.3 | 199.4 | 213.0 | 290.1 | 191.5 | 219.8 | 1768.8 |
| 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: P192114

CATALOG NUMBER: GAN-AF-06-LED-U-SLR-7050-600

CANDELA DISTRIBUTION (continued):

| | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 360° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 6964.2 | 6964.2 | 6964.2 | 6964.2 | 6964.2 | 6964.2 | 6964.2 | 6964.2 |
| 2.5° | 7999.9 | 8064.4 | 7998.7 | 7951.1 | 7746.0 | 7577.2 | 7351.7 | 7236.1 |
| 5° | 8599.3 | 8763.6 | 8708.1 | 8508.6 | 8080.3 | 7598.7 | 7051.4 | 6804.4 |
| 7.5° | 8526.8 | 8908.6 | 8917.7 | 8544.9 | 7913.7 | 7204.4 | 6463.3 | 6112.1 |
| 10° | 7962.5 | 8450.8 | 8590.2 | 8228.7 | 7559.1 | 6765.9 | 5916.0 | 5514.9 |
| 12.5° | 7332.4 | 7810.6 | 7917.1 | 7792.5 | 7232.7 | 6436.1 | 5573.8 | 5180.6 |
| 15° | 6816.9 | 7031.0 | 7157.9 | 7266.7 | 6952.9 | 6304.7 | 5554.6 | 5122.9 |
| 17.5° | 6503.0 | 6479.2 | 6515.5 | 6704.7 | 6758.0 | 6455.4 | 5849.2 | 5373.3 |
| 20° | 6389.7 | 6026.0 | 6016.9 | 6277.5 | 6666.2 | 6814.6 | 6424.8 | 5853.7 |
| 22.5° | 6452.0 | 5862.8 | 5788.0 | 6097.3 | 6714.9 | 7332.4 | 7179.5 | 6527.9 |
| 25° | 6667.3 | 5876.4 | 5816.3 | 6115.5 | 6891.7 | 7884.3 | 7994.2 | 7400.4 |
| 27.5° | 7006.1 | 5962.5 | 5883.2 | 6190.3 | 7126.2 | 8347.7 | 8796.4 | 8245.7 |
| 30° | 7327.9 | 6112.1 | 6013.5 | 6337.6 | 7340.4 | 8531.3 | 9288.2 | 8905.2 |
| 32.5° | 7718.8 | 6392.0 | 6218.6 | 6608.4 | 7605.5 | 8823.6 | 9726.7 | 9451.4 |
| 35° | 8101.8 | 6790.8 | 6575.5 | 7026.5 | 7901.3 | 9187.4 | 10227.6 | 10149.4 |
| 37.5° | 8522.2 | 7312.1 | 7134.2 | 7567.0 | 8305.8 | 9530.7 | 10866.7 | 10967.5 |
| 40° | 8970.9 | 8003.3 | 7792.5 | 8355.7 | 8933.6 | 9961.3 | 11534.1 | 11776.6 |
| 42.5° | 9423.1 | 8770.4 | 8518.8 | 9089.9 | 9623.6 | 10386.2 | 12105.2 | 12464.4 |
| 45° | 9940.9 | 9603.2 | 9484.3 | 10101.8 | 10286.5 | 10790.7 | 12526.7 | 12973.1 |
| 47.5° | 10543.7 | 10548.3 | 10739.8 | 10986.8 | 10955.0 | 11248.5 | 12950.5 | 13427.5 |
| 50° | 11247.4 | 11727.8 | 12150.5 | 12314.8 | 11644.0 | 11740.3 | 13538.6 | 14036.0 |
| 52.5° | 12092.7 | 13138.6 | 13662.1 | 13554.4 | 12386.2 | 12340.9 | 14470.0 | 14874.5 |
| 55° | 13149.9 | 14632.0 | 15152.1 | 15075.1 | 13239.4 | 13159.0 | 15630.3 | 15866.0 |
| 57.5° | 14373.7 | 16079.0 | 16557.2 | 16210.5 | 14263.8 | 14056.4 | 16590.1 | 16639.9 |
| 60° | 15449.0 | 17225.8 | 17645.0 | 17260.9 | 15297.2 | 15011.6 | 17189.5 | 16948.1 |
| 62.5° | 16047.3 | 17614.4 | 17909.0 | 17495.4 | 16005.4 | 16029.2 | 17320.9 | 16781.6 |
| 65° | 15779.9 | 16632.0 | 16727.2 | 16693.2 | 15822.9 | 16619.5 | 16848.4 | 16012.2 |
| 67.5° | 14315.9 | 14148.2 | 14308.0 | 14528.9 | 14259.2 | 15842.2 | 15539.7 | 14336.3 |
| 70° | 11736.9 | 10815.7 | 11134.1 | 11282.5 | 11404.9 | 13632.6 | 13487.6 | 11676.8 |
| 72.5° | 8845.2 | 7577.2 | 7828.8 | 7798.2 | 8364.7 | 10934.6 | 10489.3 | 8585.7 |
| 75° | 6267.3 | 5137.6 | 5169.3 | 5156.8 | 5836.7 | 8555.1 | 7595.3 | 5874.1 |
| 77.5° | 4385.2 | 3722.3 | 3739.3 | 3809.6 | 3924.0 | 6452.0 | 5426.5 | 4291.1 |
| 80° | 3015.2 | 2824.9 | 2918.9 | 2924.6 | 2719.5 | 4334.2 | 4009.0 | 3443.6 |
| 82.5° | 2245.9 | 1963.7 | 1941.0 | 1973.9 | 2131.4 | 3511.6 | 3081.0 | 2388.6 |
| 85° | 1839.1 | 1162.6 | 934.8 | 1171.7 | 1888.9 | 3477.6 | 2046.4 | 1260.0 |
| 87.5° | 1035.7 | 551.8 | 249.3 | 462.3 | 753.5 | 2302.5 | 591.5 | 160.9 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)