

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: P191282

Luminaire Tested: **GAN-AF-04-LED-U-SLL-800**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P191282
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-04-LED-U-SLL-800
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 70 CRI, 4000K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17440.3 lumens
Efficiency: N/A
Efficacy: 102.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B2 - U0 - G3

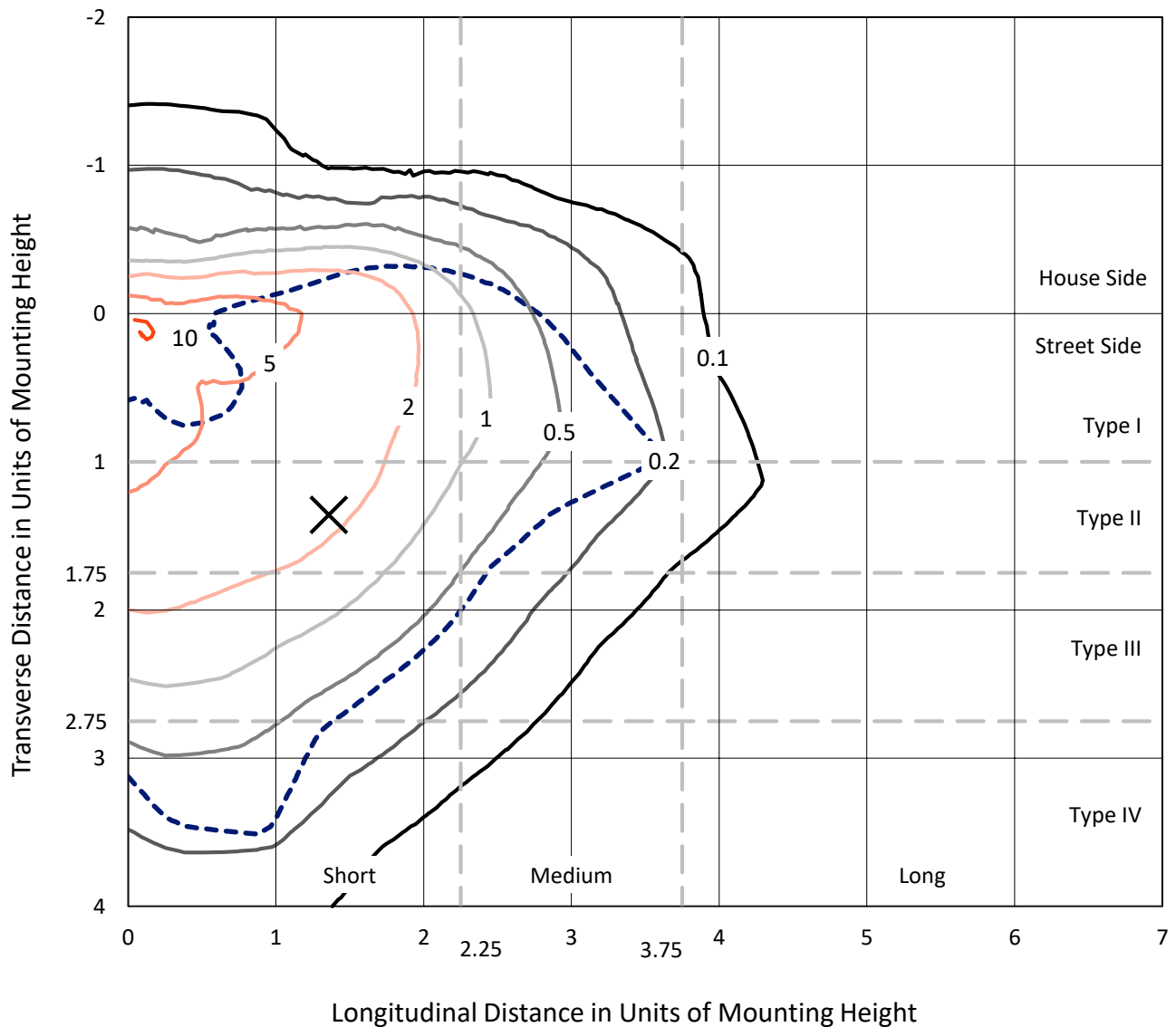
Input Watts (W): 171
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P191282
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Iso-Footcandle Lines of Horizontal Illumination

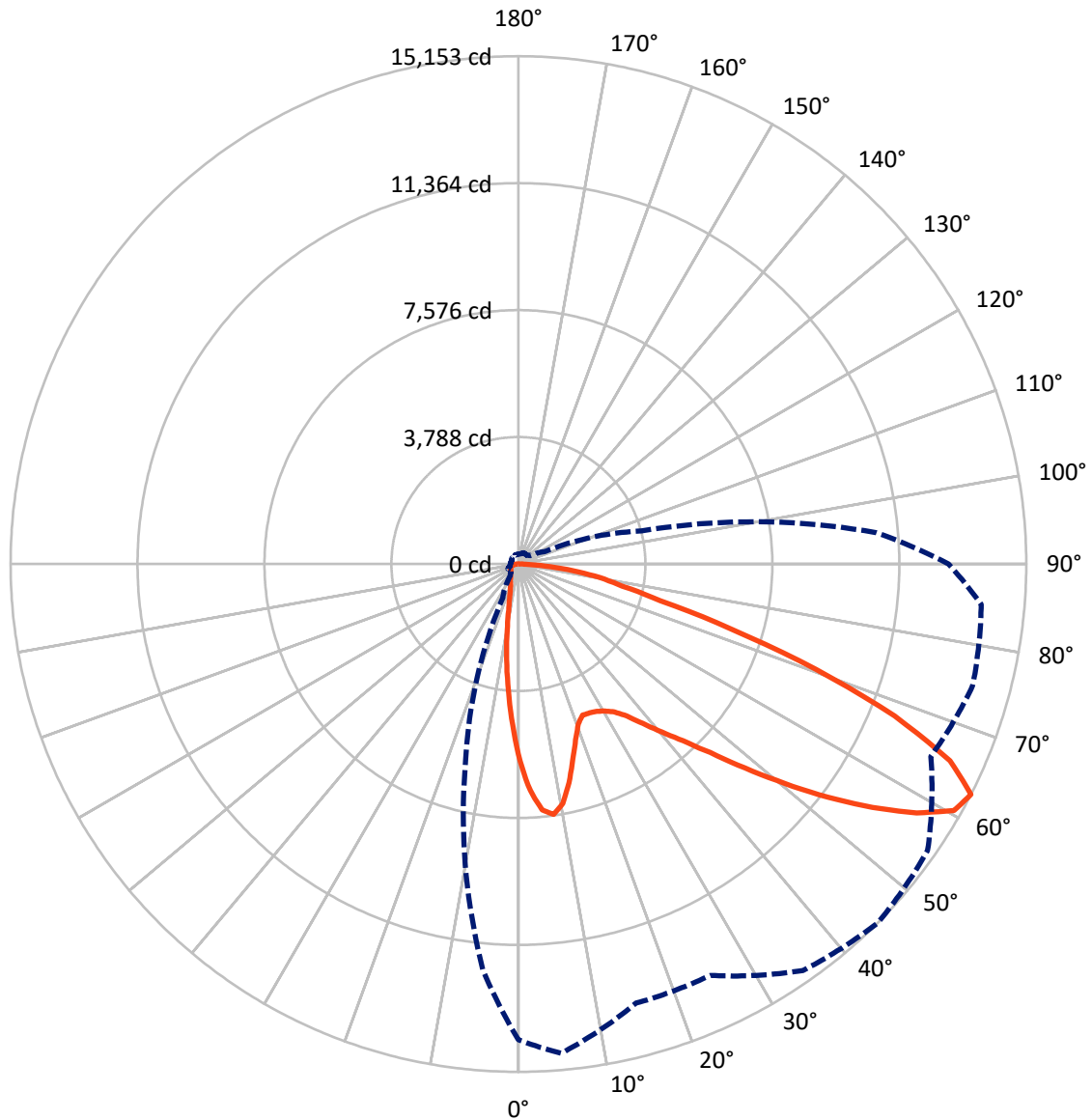
✕ Max cd
 - - - 1/2 Max cd



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

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 62.5-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 2886.1 | 0.0 | 2886.1 |
| | % Fixture | 16.5 | 0.0 | 16.5 |
| Street Side | Lumens | 14554.2 | 0.0 | 14554.2 |
| | % Fixture | 83.5 | 0.0 | 83.5 |
| Total | Lumens | 17440.3 | 0.0 | 17440.3 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 428.9 | 2.5 |
| 10°-20° | 786.5 | 4.5 |
| 20°-30° | 1146.8 | 6.6 |
| 30°-40° | 1766.2 | 10.1 |
| 40°-50° | 2599.4 | 14.9 |
| 50°-60° | 3812.7 | 21.9 |
| 60°-70° | 4262.1 | 24.4 |
| 70°-80° | 2086.7 | 12.0 |
| 80°-90° | 550.9 | 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° | 17440.3 | 100.0 |
| 0°-180° | 17440.3 | 100.0 |



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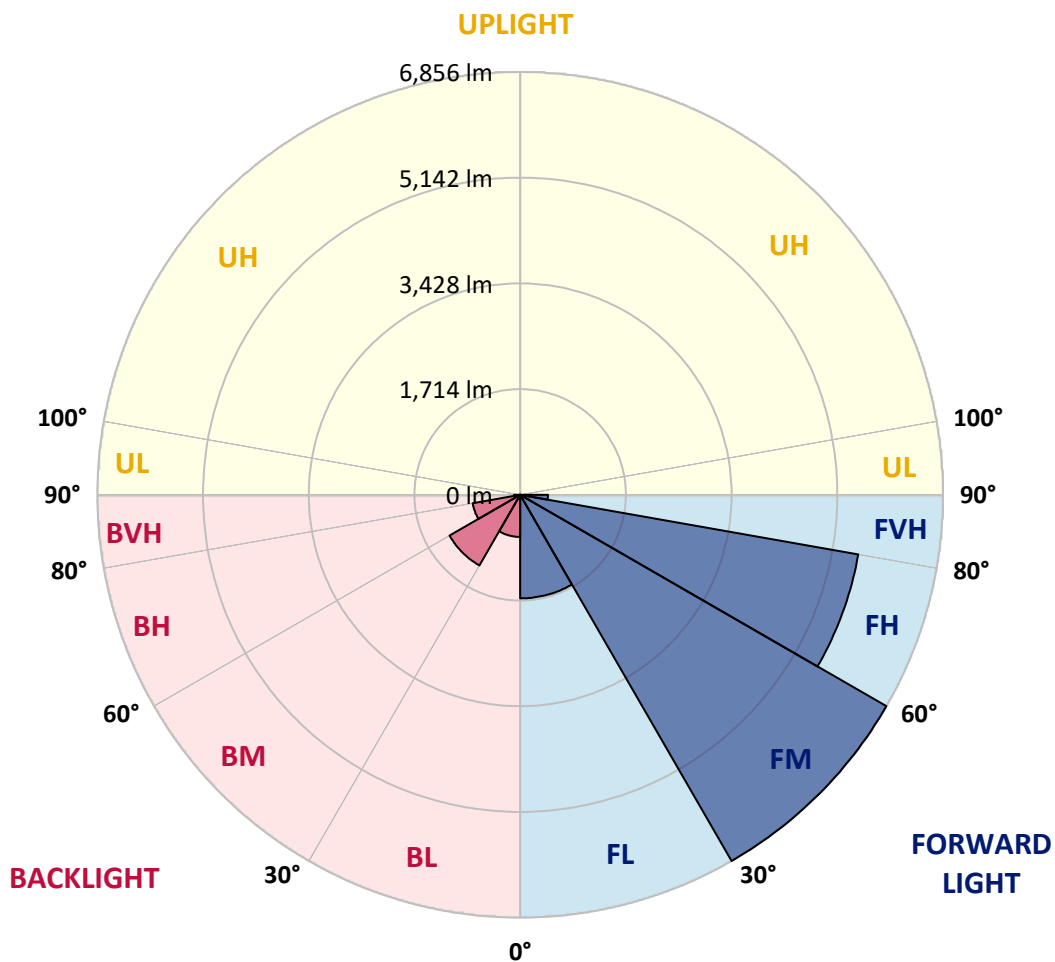
CATALOG NUMBER: GAN-AF-04-LED-U-SLL-800

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 1679.4 | 9.6 | | | |
| FM | (30°-60°) | 6855.9 | 39.3 | | | |
| FH | (60°-80°) | 5566.3 | 31.9 | | | G3/7500 |
| FVH | (80°-90°) | 452.4 | 2.6 | | | G3/500 |
| BL | (0°-30°) | 682.8 | 3.9 | B2/1000 | | |
| BM | (30°-60°) | 1322.4 | 7.6 | B2/2500 | | |
| BH | (60°-80°) | 782.4 | 4.5 | B2/1000 | | G2/1000 |
| BVH | (80°-90°) | 98.5 | 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





REPORT NUMBER: P191282

CATALOG NUMBER: GAN-AF-04-LED-U-SLL-800

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 5892.3 | 5892.3 | 5892.3 | 5892.3 | 5892.3 | 5892.3 | 5892.3 | 5892.3 | 5892.3 | 5892.3 | 5892.3 |
| 2.5° | 6122.4 | 6220.2 | 6410.9 | 6553.7 | 6727.3 | 6767.5 | 6823.2 | 6768.6 | 6671.7 | 6543.2 | 6501.1 |
| 5° | 5757.1 | 5966.1 | 6429.1 | 6836.6 | 7199.0 | 7367.7 | 7414.8 | 7275.7 | 6994.8 | 6625.7 | 6400.4 |
| 7.5° | 5171.3 | 5468.5 | 6095.6 | 6695.6 | 7229.7 | 7545.1 | 7537.4 | 7214.4 | 6697.6 | 6096.5 | 5735.1 |
| 10° | 4666.1 | 5005.5 | 5724.5 | 6395.6 | 6962.2 | 7268.1 | 7150.1 | 6736.8 | 6120.4 | 5428.3 | 5036.1 |
| 12.5° | 4383.2 | 4715.9 | 5445.5 | 6119.5 | 6593.1 | 6698.6 | 6608.5 | 6203.9 | 5622.9 | 4923.1 | 4579.8 |
| 15° | 4334.3 | 4699.6 | 5334.3 | 5882.7 | 6148.2 | 6056.2 | 5948.9 | 5767.6 | 5357.3 | 4760.0 | 4402.5 |
| 17.5° | 4546.2 | 4948.9 | 5461.8 | 5717.8 | 5672.8 | 5512.6 | 5481.9 | 5502.0 | 5403.3 | 4941.3 | 4529.0 |
| 20° | 4952.7 | 5436.0 | 5765.8 | 5640.1 | 5311.3 | 5090.8 | 5098.5 | 5406.2 | 5698.7 | 5400.5 | 4929.7 |
| 22.5° | 5523.1 | 6074.4 | 6203.9 | 5681.4 | 5158.8 | 4897.2 | 4960.4 | 5459.0 | 6169.3 | 6071.5 | 5470.4 |
| 25° | 6261.4 | 6763.8 | 6670.8 | 5830.9 | 5174.2 | 4921.1 | 4972.0 | 5641.1 | 6725.4 | 6742.7 | 6139.6 |
| 27.5° | 6976.6 | 7442.5 | 7062.9 | 6029.4 | 5237.5 | 4977.7 | 5044.8 | 5927.7 | 7256.5 | 7471.2 | 6904.7 |
| 30° | 7534.5 | 7858.6 | 7218.1 | 6210.5 | 5362.1 | 5088.0 | 5171.3 | 6200.0 | 7498.1 | 7963.1 | 7493.3 |
| 32.5° | 7996.6 | 8229.6 | 7465.5 | 6434.9 | 5591.2 | 5261.4 | 5408.1 | 6530.8 | 7846.1 | 8431.0 | 8069.5 |
| 35° | 8587.3 | 8653.3 | 7773.3 | 6685.1 | 5945.0 | 5563.4 | 5745.6 | 6854.8 | 8177.9 | 8903.6 | 8637.1 |
| 37.5° | 9279.4 | 9194.1 | 8063.7 | 7027.4 | 6402.3 | 6036.1 | 6186.6 | 7210.5 | 8451.1 | 9439.5 | 9217.1 |
| 40° | 9964.0 | 9758.7 | 8428.1 | 7558.5 | 7069.6 | 6593.1 | 6771.4 | 7590.2 | 8706.1 | 9976.4 | 9783.7 |
| 42.5° | 10545.9 | 10242.0 | 8787.6 | 8142.4 | 7690.9 | 7207.6 | 7420.5 | 7972.7 | 8949.6 | 10434.7 | 10275.5 |
| 45° | 10976.4 | 10598.6 | 9129.8 | 8703.3 | 8547.0 | 8024.4 | 8125.1 | 8410.8 | 9213.3 | 10817.2 | 10680.1 |
| 47.5° | 11360.8 | 10957.1 | 9517.1 | 9268.9 | 9295.8 | 9086.7 | 8924.7 | 8920.8 | 9523.9 | 11129.7 | 11062.6 |
| 50° | 11875.6 | 11454.7 | 9933.3 | 9851.7 | 10419.4 | 10280.3 | 9922.7 | 9516.2 | 9917.0 | 11484.5 | 11476.8 |
| 52.5° | 12585.1 | 12242.8 | 10441.4 | 10479.7 | 11468.2 | 11559.2 | 11116.3 | 10231.5 | 10532.4 | 12135.5 | 12089.4 |
| 55° | 13424.0 | 13224.5 | 11133.6 | 11201.6 | 12754.8 | 12819.9 | 12379.9 | 11125.9 | 11437.5 | 13077.8 | 12950.4 |
| 57.5° | 14078.8 | 14036.5 | 11892.8 | 12068.4 | 13715.4 | 14008.8 | 13604.2 | 12161.4 | 12457.6 | 13871.6 | 13551.4 |
| 60° | 14339.5 | 14543.7 | 12701.1 | 12942.7 | 14604.2 | 14929.1 | 14574.4 | 13071.2 | 13361.6 | 14200.5 | 13510.2 |
| 62.5° | 14198.6 | 14654.9 | 13562.0 | 13541.8 | 14802.6 | 15152.5 | 14903.3 | 13577.3 | 14031.8 | 13861.1 | 12826.7 |
| 65° | 13547.7 | 14255.1 | 14061.5 | 13387.6 | 14123.8 | 14152.5 | 14072.0 | 13351.0 | 14190.0 | 12788.3 | 11505.5 |
| 67.5° | 12129.6 | 13147.8 | 13403.8 | 12064.5 | 12292.7 | 12105.7 | 11970.6 | 12112.5 | 13365.5 | 11180.5 | 9669.6 |
| 70° | 9879.6 | 11411.6 | 11534.3 | 9649.5 | 9546.0 | 9420.4 | 9150.9 | 9930.4 | 11738.6 | 9163.4 | 7672.6 |
| 72.5° | 7264.2 | 8874.8 | 9251.6 | 7077.3 | 6597.9 | 6623.8 | 6410.9 | 7483.7 | 9544.0 | 6806.9 | 5728.3 |
| 75° | 4970.0 | 6426.3 | 7238.3 | 4938.4 | 4363.1 | 4373.6 | 4346.8 | 5302.7 | 7601.6 | 4735.1 | 4286.4 |
| 77.5° | 3630.7 | 4591.3 | 5459.0 | 3320.0 | 3223.2 | 3163.8 | 3149.4 | 3710.2 | 5828.1 | 3437.9 | 3328.7 |
| 80° | 2913.6 | 3391.9 | 3667.1 | 2300.9 | 2474.4 | 2469.6 | 2390.1 | 2551.1 | 3806.1 | 2514.7 | 2489.8 |
| 82.5° | 2020.9 | 2606.8 | 2971.1 | 1803.4 | 1670.1 | 1642.2 | 1661.5 | 1900.1 | 2690.2 | 1719.0 | 1634.6 |
| 85° | 1066.1 | 1731.4 | 2942.3 | 1598.2 | 991.3 | 790.9 | 983.7 | 1556.0 | 2330.6 | 910.7 | 797.7 |
| 87.5° | 136.2 | 500.4 | 1948.1 | 637.5 | 391.2 | 210.9 | 466.9 | 876.3 | 1496.6 | 186.0 | 162.0 |
| 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: GAN-AF-04-LED-U-SLL-800

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° | 185° |
|-------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5892.3 | 5892.3 | 5892.3 | 5892.3 | 5892.3 | 5892.3 | 5892.3 | 5892.3 | 5892.3 | 5892.3 | 5892.3 |
| 2.5° | 6392.7 | 6265.2 | 6098.4 | 5944.1 | 5784.0 | 5624.8 | 5416.7 | 5286.4 | 5196.3 | 5179.0 | 5140.6 |
| 5° | 6237.4 | 5813.6 | 5493.5 | 5216.3 | 4965.2 | 4610.4 | 4413.9 | 4251.0 | 4163.7 | 4155.1 | 4133.9 |
| 7.5° | 5521.3 | 4936.5 | 4504.1 | 4112.0 | 3756.3 | 3469.5 | 3153.2 | 3005.5 | 2945.2 | 2959.6 | 2973.9 |
| 10° | 4776.4 | 4122.5 | 3625.8 | 3225.2 | 2911.6 | 2670.0 | 2416.0 | 2244.4 | 2125.5 | 2101.6 | 2096.7 |
| 12.5° | 4231.7 | 3514.7 | 3032.4 | 2749.6 | 2507.0 | 2279.9 | 2010.4 | 1808.2 | 1653.8 | 1601.0 | 1565.6 |
| 15° | 4001.7 | 3217.5 | 2712.3 | 2407.3 | 2139.8 | 1851.2 | 1601.0 | 1389.2 | 1247.3 | 1201.3 | 1175.4 |
| 17.5° | 4050.6 | 3135.0 | 2491.7 | 2101.6 | 1759.3 | 1458.2 | 1142.8 | 961.6 | 876.3 | 854.3 | 854.3 |
| 20° | 4307.5 | 3119.7 | 2309.5 | 1819.6 | 1393.1 | 1044.0 | 785.2 | 681.7 | 653.9 | 651.0 | 658.7 |
| 22.5° | 4668.0 | 3173.4 | 2173.4 | 1575.1 | 1082.4 | 762.2 | 611.6 | 573.3 | 560.9 | 563.7 | 572.3 |
| 25° | 5204.9 | 3354.6 | 2074.6 | 1357.6 | 849.5 | 624.1 | 545.5 | 522.5 | 516.8 | 524.5 | 535.0 |
| 27.5° | 5841.5 | 3535.7 | 2013.3 | 1193.6 | 717.1 | 570.4 | 518.6 | 494.7 | 498.5 | 508.1 | 517.7 |
| 30° | 6400.4 | 3684.4 | 1916.5 | 1076.7 | 675.9 | 573.3 | 518.6 | 486.1 | 482.2 | 484.2 | 487.0 |
| 32.5° | 6901.7 | 3785.0 | 1803.4 | 965.5 | 582.9 | 509.1 | 484.2 | 479.4 | 458.3 | 450.6 | 451.5 |
| 35° | 7334.1 | 3785.0 | 1735.2 | 900.2 | 522.5 | 451.5 | 411.3 | 387.3 | 376.8 | 377.8 | 388.3 |
| 37.5° | 7751.2 | 3709.3 | 1701.7 | 863.8 | 489.9 | 429.5 | 394.0 | 373.0 | 358.5 | 355.7 | 357.6 |
| 40° | 8119.4 | 3599.0 | 1663.4 | 848.4 | 464.9 | 416.0 | 382.5 | 365.3 | 350.0 | 345.1 | 346.1 |
| 42.5° | 8414.7 | 3509.8 | 1621.2 | 828.3 | 449.6 | 406.5 | 374.8 | 359.6 | 342.3 | 337.5 | 336.6 |
| 45° | 8734.0 | 3480.2 | 1565.6 | 788.1 | 457.3 | 407.4 | 373.0 | 356.6 | 339.4 | 333.6 | 331.7 |
| 47.5° | 9154.8 | 3573.2 | 1508.0 | 740.1 | 473.6 | 412.2 | 375.8 | 356.6 | 338.4 | 333.6 | 331.7 |
| 50° | 9685.0 | 3791.8 | 1435.2 | 670.1 | 457.3 | 425.6 | 374.8 | 353.7 | 338.4 | 333.6 | 329.8 |
| 52.5° | 10365.7 | 4087.0 | 1339.3 | 589.6 | 447.7 | 458.3 | 373.0 | 348.0 | 333.6 | 326.9 | 320.2 |
| 55° | 11193.0 | 4328.6 | 1225.2 | 523.4 | 425.6 | 449.6 | 370.1 | 341.3 | 326.0 | 316.4 | 310.7 |
| 57.5° | 11798.9 | 4415.9 | 1078.6 | 480.3 | 395.0 | 435.3 | 366.2 | 332.7 | 316.4 | 308.7 | 301.1 |
| 60° | 11679.0 | 4247.1 | 954.9 | 453.5 | 376.8 | 393.1 | 363.4 | 325.0 | 307.7 | 302.0 | 295.3 |
| 62.5° | 10719.4 | 3806.1 | 875.3 | 441.0 | 365.3 | 358.5 | 366.2 | 317.3 | 300.0 | 294.3 | 292.4 |
| 65° | 9280.4 | 3155.1 | 843.6 | 438.1 | 355.7 | 338.4 | 340.3 | 308.7 | 291.4 | 286.6 | 284.8 |
| 67.5° | 7655.4 | 2546.3 | 815.9 | 447.7 | 343.2 | 324.1 | 314.5 | 297.2 | 282.8 | 278.0 | 274.2 |
| 70° | 6037.0 | 2117.8 | 803.4 | 442.0 | 327.9 | 309.6 | 299.1 | 284.8 | 272.3 | 267.5 | 264.6 |
| 72.5° | 4861.7 | 1788.9 | 796.7 | 436.2 | 307.7 | 290.5 | 280.9 | 268.4 | 255.0 | 253.1 | 250.2 |
| 75° | 4113.9 | 1406.5 | 729.6 | 418.0 | 284.8 | 267.5 | 260.8 | 249.3 | 235.9 | 235.9 | 233.9 |
| 77.5° | 3173.4 | 1017.2 | 606.9 | 370.1 | 260.8 | 241.6 | 235.9 | 227.2 | 211.9 | 214.7 | 213.8 |
| 80° | 2344.1 | 663.4 | 474.5 | 306.8 | 231.1 | 212.9 | 209.9 | 201.3 | 185.1 | 188.8 | 188.8 |
| 82.5° | 1605.8 | 435.3 | 341.3 | 251.1 | 197.5 | 180.2 | 180.2 | 171.7 | 153.4 | 155.3 | 161.1 |
| 85° | 806.3 | 299.1 | 255.0 | 194.7 | 153.4 | 144.7 | 144.7 | 138.1 | 119.9 | 120.8 | 128.5 |
| 87.5° | 245.4 | 180.2 | 168.7 | 139.0 | 110.3 | 108.3 | 103.5 | 98.7 | 87.3 | 86.2 | 91.0 |
| 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: GAN-AF-04-LED-U-SLL-800

CANDELA DISTRIBUTION (continued):

| | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° | 285° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5892.3 | 5892.3 | 5892.3 | 5892.3 | 5892.3 | 5892.3 | 5892.3 | 5892.3 | 5892.3 | 5892.3 | 5892.3 |
| 2.5° | 5082.1 | 5027.5 | 4961.3 | 4815.6 | 4766.7 | 4763.9 | 4808.0 | 4761.9 | 4850.1 | 4812.8 | 4854.0 |
| 5° | 4098.6 | 4044.8 | 3971.0 | 3785.0 | 3671.9 | 3595.2 | 3558.7 | 3451.3 | 3529.1 | 3472.5 | 3519.5 |
| 7.5° | 3014.2 | 3026.7 | 2977.8 | 2868.5 | 2622.1 | 2498.5 | 2425.5 | 2360.4 | 2416.9 | 2411.2 | 2501.3 |
| 10° | 2118.7 | 2152.3 | 2117.8 | 2007.5 | 1808.2 | 1740.0 | 1753.5 | 1779.4 | 1853.2 | 1891.5 | 2030.6 |
| 12.5° | 1525.3 | 1523.4 | 1501.4 | 1402.6 | 1271.2 | 1278.9 | 1333.6 | 1378.6 | 1446.7 | 1487.0 | 1628.8 |
| 15° | 1139.0 | 1121.7 | 1112.2 | 1031.5 | 956.8 | 973.1 | 999.9 | 1004.7 | 1047.9 | 1071.8 | 1186.9 |
| 17.5° | 860.9 | 869.5 | 880.1 | 822.6 | 766.0 | 755.4 | 734.4 | 708.5 | 721.0 | 725.8 | 783.3 |
| 20° | 683.5 | 718.1 | 744.0 | 703.7 | 646.2 | 615.5 | 588.6 | 571.4 | 571.4 | 570.4 | 586.8 |
| 22.5° | 597.3 | 622.2 | 650.0 | 622.2 | 570.4 | 543.6 | 528.3 | 514.9 | 512.9 | 512.9 | 528.3 |
| 25° | 550.3 | 568.6 | 595.4 | 576.2 | 537.9 | 517.7 | 503.3 | 486.1 | 479.4 | 477.4 | 487.9 |
| 27.5° | 527.3 | 535.0 | 548.4 | 531.1 | 498.5 | 489.0 | 485.1 | 469.7 | 461.1 | 456.3 | 466.9 |
| 30° | 487.9 | 486.1 | 487.0 | 469.7 | 443.9 | 442.9 | 449.6 | 452.6 | 449.6 | 448.7 | 464.9 |
| 32.5° | 451.5 | 447.7 | 446.7 | 431.4 | 407.4 | 401.7 | 407.4 | 413.2 | 419.9 | 429.5 | 448.7 |
| 35° | 405.5 | 415.1 | 420.8 | 407.4 | 378.7 | 361.4 | 354.8 | 344.2 | 338.4 | 338.4 | 360.5 |
| 37.5° | 369.1 | 391.2 | 399.8 | 387.3 | 355.7 | 331.7 | 320.2 | 318.3 | 319.3 | 323.0 | 344.2 |
| 40° | 356.6 | 373.0 | 380.6 | 368.2 | 336.6 | 314.5 | 307.7 | 305.9 | 307.7 | 313.5 | 334.6 |
| 42.5° | 348.9 | 360.5 | 359.6 | 344.2 | 318.3 | 303.0 | 299.1 | 297.2 | 299.1 | 304.8 | 327.9 |
| 45° | 342.3 | 350.0 | 342.3 | 324.1 | 300.0 | 292.4 | 293.4 | 292.4 | 294.3 | 300.0 | 322.1 |
| 47.5° | 336.6 | 339.4 | 329.8 | 311.6 | 286.6 | 284.8 | 288.6 | 291.4 | 293.4 | 298.2 | 321.2 |
| 50° | 327.9 | 327.9 | 319.3 | 300.0 | 275.2 | 276.1 | 280.9 | 287.7 | 288.6 | 294.3 | 312.5 |
| 52.5° | 317.3 | 316.4 | 310.7 | 292.4 | 265.6 | 268.4 | 268.4 | 276.1 | 278.0 | 284.8 | 303.9 |
| 55° | 308.7 | 306.8 | 303.9 | 286.6 | 257.0 | 261.8 | 258.8 | 261.8 | 266.5 | 273.2 | 294.3 |
| 57.5° | 301.1 | 297.2 | 297.2 | 281.8 | 250.2 | 252.2 | 245.4 | 249.3 | 255.0 | 260.8 | 282.8 |
| 60° | 293.4 | 289.5 | 291.4 | 275.2 | 239.7 | 237.7 | 234.9 | 242.5 | 244.5 | 251.1 | 273.2 |
| 62.5° | 284.8 | 281.8 | 282.8 | 267.5 | 232.0 | 227.2 | 227.2 | 233.9 | 234.9 | 244.5 | 265.6 |
| 65° | 278.0 | 274.2 | 273.2 | 259.8 | 223.4 | 217.6 | 220.5 | 223.4 | 225.3 | 234.9 | 255.0 |
| 67.5° | 271.3 | 263.6 | 263.6 | 253.1 | 213.8 | 208.1 | 213.8 | 212.9 | 215.7 | 224.3 | 240.6 |
| 70° | 262.7 | 252.2 | 253.1 | 248.3 | 204.2 | 197.5 | 202.3 | 201.3 | 203.3 | 209.0 | 225.3 |
| 72.5° | 249.3 | 240.6 | 242.5 | 240.6 | 194.7 | 185.1 | 187.0 | 187.0 | 187.0 | 191.7 | 209.0 |
| 75° | 232.0 | 225.3 | 231.1 | 235.9 | 183.1 | 169.7 | 171.7 | 171.7 | 168.7 | 171.7 | 192.7 |
| 77.5° | 210.9 | 207.0 | 226.3 | 219.5 | 169.7 | 153.4 | 153.4 | 151.5 | 145.8 | 149.6 | 172.6 |
| 80° | 187.9 | 185.1 | 209.0 | 184.0 | 154.4 | 133.3 | 131.3 | 126.5 | 120.8 | 123.7 | 146.7 |
| 82.5° | 164.0 | 161.1 | 175.4 | 141.0 | 133.3 | 110.3 | 105.5 | 96.9 | 91.0 | 93.9 | 115.1 |
| 85° | 134.2 | 134.2 | 135.1 | 106.4 | 101.6 | 84.4 | 78.7 | 67.1 | 60.4 | 62.3 | 82.4 |
| 87.5° | 95.9 | 98.7 | 91.0 | 72.8 | 60.4 | 47.0 | 43.2 | 36.4 | 30.7 | 35.5 | 43.2 |
| 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: GAN-AF-04-LED-U-SLL-800

CANDELA DISTRIBUTION (continued):

| | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|---------|---------|
| 0° | 5892.3 | 5892.3 | 5892.3 | 5892.3 | 5892.3 | 5892.3 | 5892.3 | 5892.3 |
| 2.5° | 5064.9 | 5170.4 | 5290.2 | 5443.6 | 5575.0 | 5790.6 | 5997.8 | 6122.4 |
| 5° | 3787.0 | 3962.4 | 4181.0 | 4461.9 | 4723.6 | 5116.7 | 5506.9 | 5757.1 |
| 7.5° | 2710.3 | 2898.2 | 3134.0 | 3484.9 | 3855.0 | 4356.4 | 4872.2 | 5171.3 |
| 10° | 2242.4 | 2435.1 | 2633.6 | 2870.4 | 3173.4 | 3718.8 | 4328.6 | 4666.1 |
| 12.5° | 1855.1 | 2061.2 | 2275.0 | 2524.3 | 2805.2 | 3292.3 | 3994.9 | 4383.2 |
| 15° | 1419.9 | 1649.9 | 1902.1 | 2217.6 | 2569.3 | 3132.2 | 3912.5 | 4334.3 |
| 17.5° | 973.1 | 1230.0 | 1539.7 | 1929.0 | 2359.4 | 3080.3 | 4060.2 | 4546.2 |
| 20° | 670.1 | 857.1 | 1187.9 | 1644.2 | 2161.9 | 3073.7 | 4344.0 | 4952.7 |
| 22.5° | 560.9 | 644.3 | 885.9 | 1382.5 | 2013.3 | 3156.1 | 4784.0 | 5523.1 |
| 25° | 518.6 | 568.6 | 707.6 | 1155.2 | 1904.9 | 3346.0 | 5389.9 | 6261.4 |
| 27.5° | 493.8 | 538.8 | 642.3 | 1006.7 | 1819.6 | 3566.4 | 5979.6 | 6976.6 |
| 30° | 503.3 | 549.3 | 624.1 | 930.9 | 1703.6 | 3750.5 | 6503.0 | 7534.5 |
| 32.5° | 453.5 | 473.6 | 535.0 | 863.8 | 1620.3 | 3904.8 | 6961.3 | 7996.6 |
| 35° | 386.4 | 421.9 | 477.4 | 832.2 | 1622.2 | 4008.4 | 7460.7 | 8587.3 |
| 37.5° | 368.2 | 403.7 | 443.9 | 820.6 | 1644.2 | 4118.6 | 8034.1 | 9279.4 |
| 40° | 356.6 | 389.2 | 423.7 | 814.0 | 1665.3 | 4219.3 | 8595.9 | 9964.0 |
| 42.5° | 348.9 | 378.7 | 421.9 | 790.9 | 1675.8 | 4309.4 | 9057.9 | 10545.9 |
| 45° | 348.0 | 378.7 | 429.5 | 767.9 | 1692.2 | 4406.3 | 9445.3 | 10976.4 |
| 47.5° | 348.9 | 391.2 | 415.1 | 740.1 | 1692.2 | 4568.3 | 9899.7 | 11360.8 |
| 50° | 345.1 | 412.2 | 399.8 | 700.8 | 1652.8 | 4875.1 | 10522.9 | 11875.6 |
| 52.5° | 343.2 | 409.4 | 370.1 | 640.5 | 1584.8 | 5362.1 | 11321.5 | 12585.1 |
| 55° | 338.4 | 395.0 | 348.9 | 550.3 | 1505.2 | 5893.2 | 12176.7 | 13424.0 |
| 57.5° | 333.6 | 350.0 | 337.5 | 471.7 | 1382.5 | 6267.1 | 12765.3 | 14078.8 |
| 60° | 373.9 | 305.9 | 327.9 | 433.3 | 1218.5 | 6369.7 | 12742.3 | 14339.5 |
| 62.5° | 346.1 | 286.6 | 315.4 | 424.7 | 1103.5 | 6082.1 | 12153.7 | 14198.6 |
| 65° | 271.3 | 274.2 | 303.0 | 449.6 | 1072.8 | 5320.0 | 11110.6 | 13547.7 |
| 67.5° | 248.3 | 261.8 | 290.5 | 481.3 | 1075.6 | 4259.6 | 9551.7 | 12129.6 |
| 70° | 233.9 | 248.3 | 276.1 | 497.6 | 1083.3 | 3175.2 | 7551.8 | 9879.6 |
| 72.5° | 217.6 | 230.1 | 259.8 | 500.4 | 1033.5 | 2306.7 | 5820.4 | 7264.2 |
| 75° | 198.5 | 209.9 | 236.8 | 436.2 | 856.1 | 1600.1 | 4452.3 | 4970.0 |
| 77.5° | 176.4 | 185.1 | 208.1 | 336.6 | 635.7 | 1023.9 | 3342.1 | 3630.7 |
| 80° | 150.5 | 155.3 | 174.5 | 246.4 | 435.3 | 640.5 | 2644.1 | 2913.6 |
| 82.5° | 120.8 | 122.8 | 135.1 | 185.1 | 282.8 | 411.3 | 1770.7 | 2020.9 |
| 85° | 85.3 | 85.3 | 93.0 | 134.2 | 192.7 | 260.8 | 961.6 | 1066.1 |
| 87.5° | 40.3 | 41.2 | 41.2 | 73.9 | 100.7 | 132.3 | 221.5 | 136.2 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)