

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: P191299

Luminaire Tested: **GAN-AF-01-LED-U-SLL-1200**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P191299
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-01-LED-U-SLL-1200
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(1) 70 CRI, 4000K, 1200mA LIGHTSQUARE WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6146.9 lumens
Efficiency: N/A
Efficacy: 91.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G2

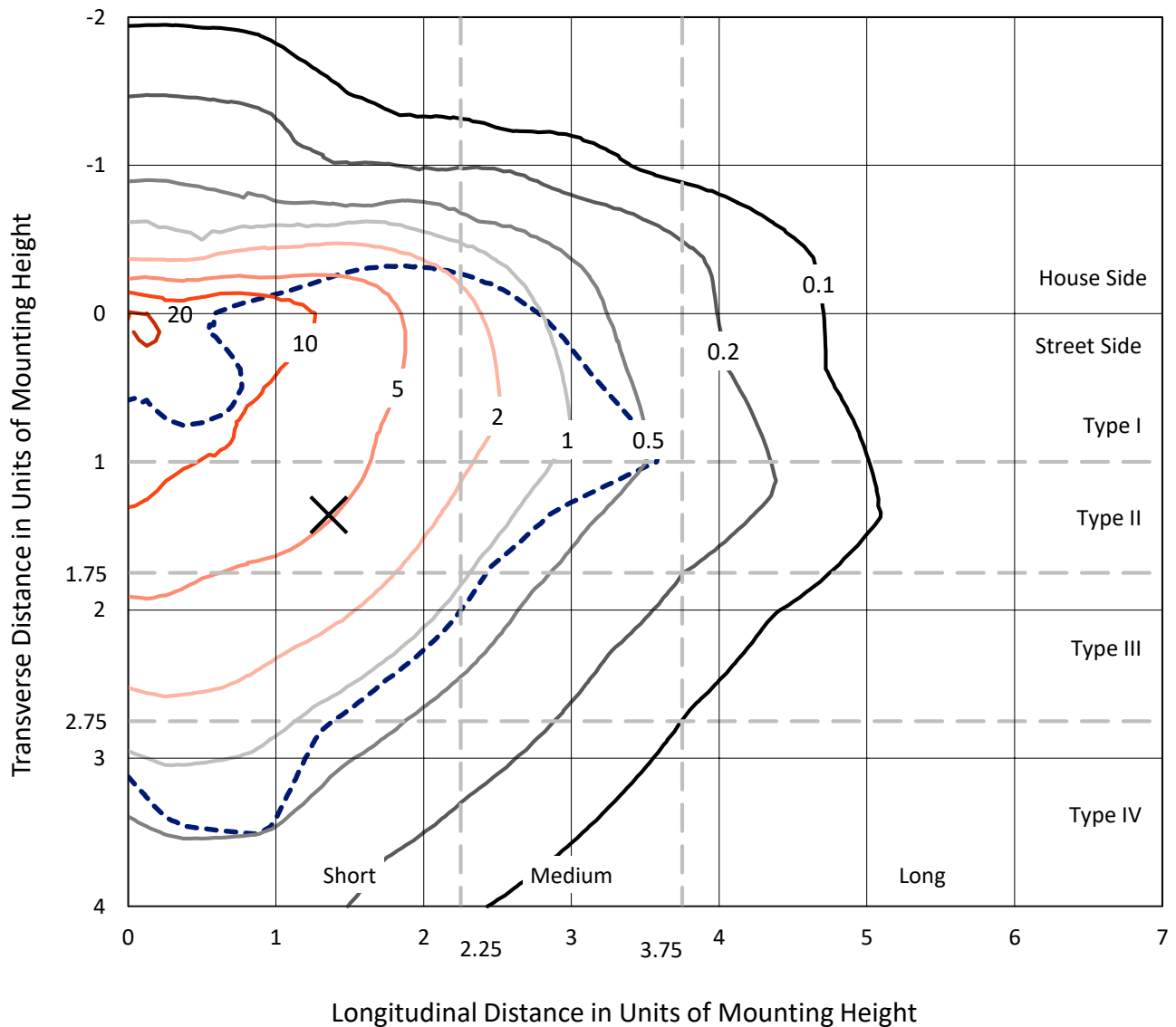
Input Watts (W): 67
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P191299
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Iso-Footcandle Lines of Horizontal Illumination

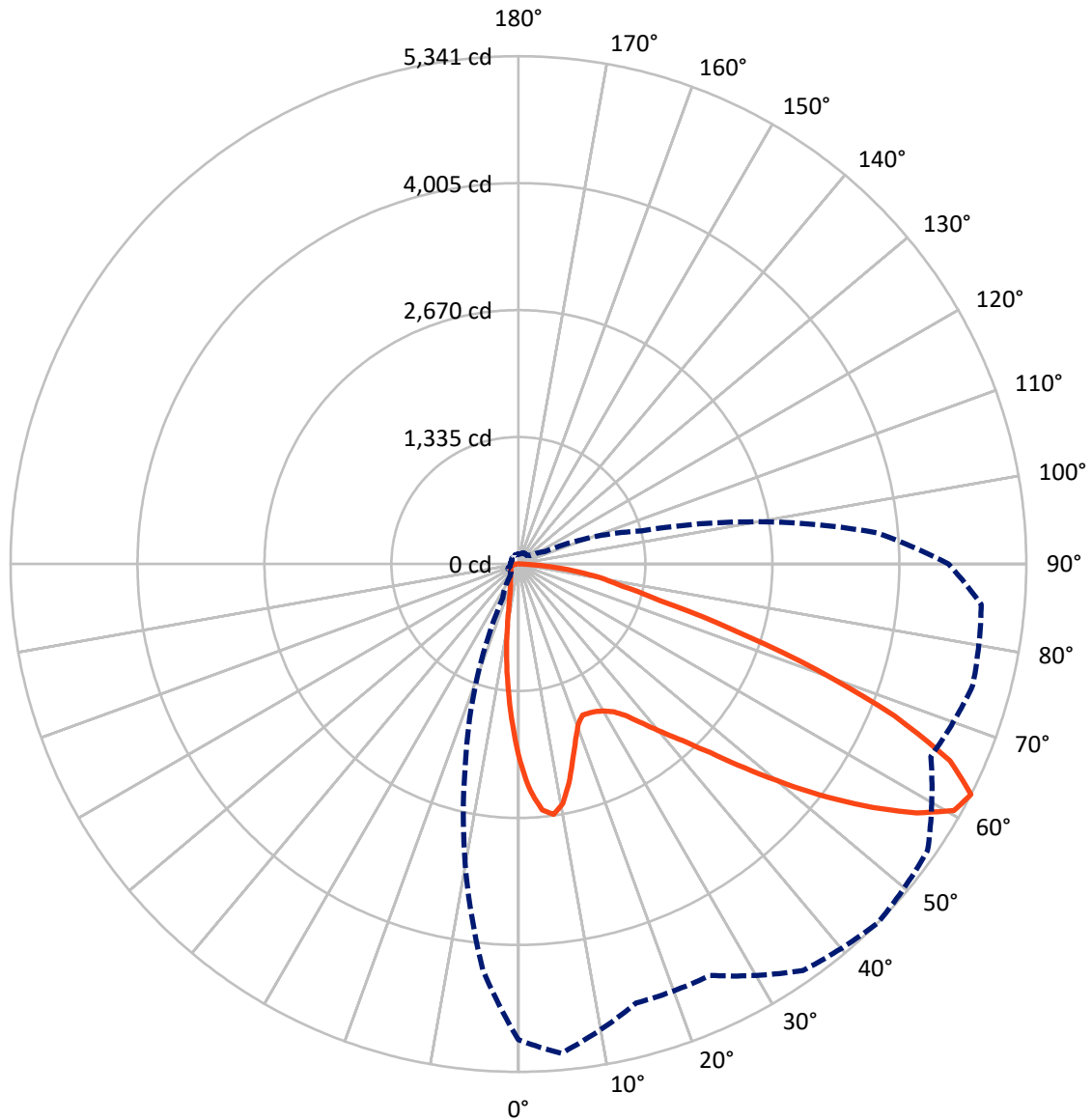
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 24.4 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 | 1017.2 | 0.0 | 1017.2 |
| | % Fixture | 16.5 | 0.0 | 16.5 |
| Street Side | Lumens | 5129.7 | 0.0 | 5129.7 |
| | % Fixture | 83.5 | 0.0 | 83.5 |
| Total | Lumens | 6146.9 | 0.0 | 6146.9 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 151.2 | 2.5 |
| 10°-20° | 277.2 | 4.5 |
| 20°-30° | 404.2 | 6.6 |
| 30°-40° | 622.5 | 10.1 |
| 40°-50° | 916.2 | 14.9 |
| 50°-60° | 1343.8 | 21.9 |
| 60°-70° | 1502.2 | 24.4 |
| 70°-80° | 735.5 | 12.0 |
| 80°-90° | 194.2 | 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° | 6146.9 | 100.0 |
| 0°-180° | 6146.9 | 100.0 |

Coefficient of Utilization



REPORT NUMBER: P191299

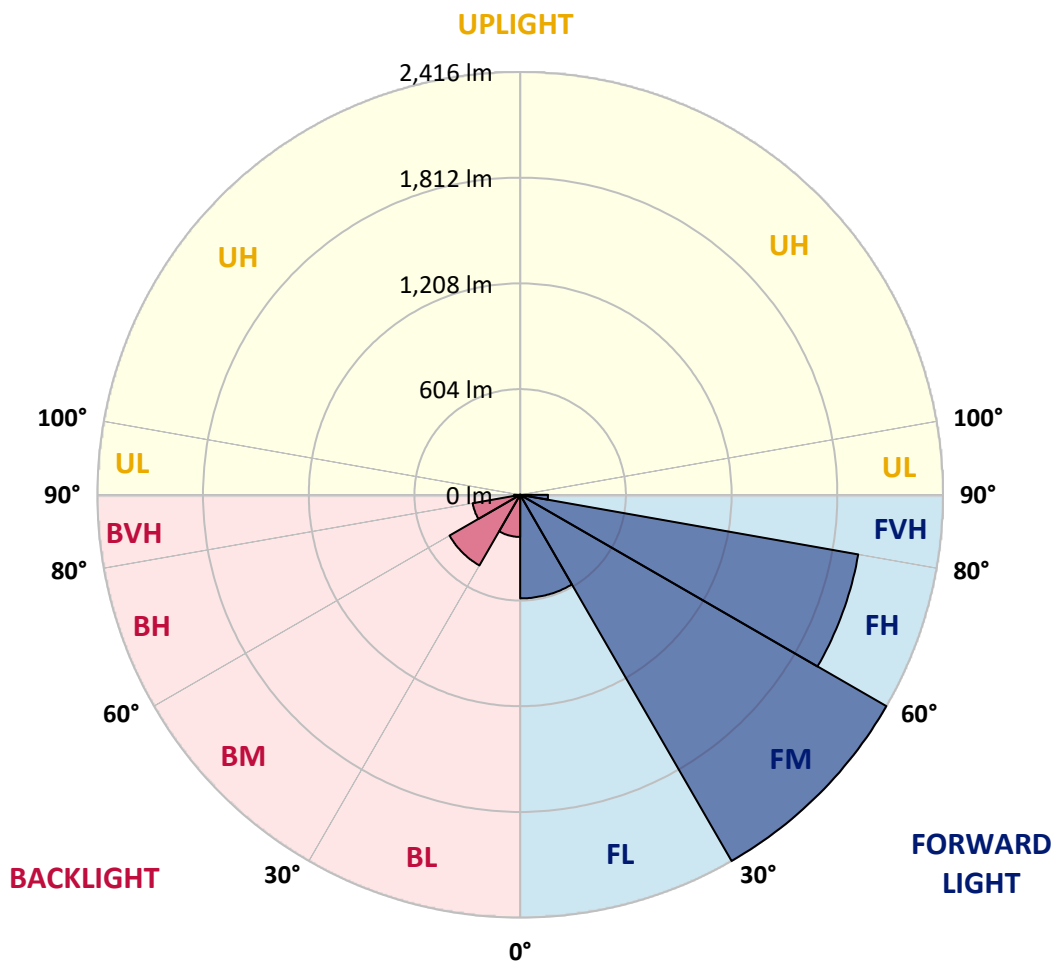
CATALOG NUMBER: GAN-AF-01-LED-U-SLL-1200

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 591.9 | 9.6 | | | |
| FM (30°-60°) | 2416.4 | 39.3 | | | |
| FH (60°-80°) | 1961.9 | 31.9 | | | G2/5000 |
| FVH (80°-90°) | 159.5 | 2.6 | | | G2/225 |
| BL (0°-30°) | 240.7 | 3.9 | B1/500 | | |
| BM (30°-60°) | 466.1 | 7.6 | B1/1000 | | |
| BH (60°-80°) | 275.8 | 4.5 | B1/500 | | G1/500 |
| BVH (80°-90°) | 34.7 | 0.6 | | | 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 IV Short





REPORT NUMBER: P191299

CATALOG NUMBER: GAN-AF-01-LED-U-SLL-1200

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2076.8 | 2076.8 | 2076.8 | 2076.8 | 2076.8 | 2076.8 | 2076.8 | 2076.8 | 2076.8 | 2076.8 | 2076.8 |
| 2.5° | 2157.8 | 2192.3 | 2259.6 | 2309.9 | 2371.1 | 2385.2 | 2404.9 | 2385.6 | 2351.5 | 2306.2 | 2291.3 |
| 5° | 2029.1 | 2102.8 | 2265.9 | 2409.6 | 2537.3 | 2596.8 | 2613.3 | 2564.3 | 2465.3 | 2335.3 | 2255.8 |
| 7.5° | 1822.7 | 1927.4 | 2148.4 | 2359.9 | 2548.2 | 2659.3 | 2656.6 | 2542.7 | 2360.6 | 2148.7 | 2021.4 |
| 10° | 1644.6 | 1764.2 | 2017.7 | 2254.2 | 2453.9 | 2561.7 | 2520.0 | 2374.5 | 2157.2 | 1913.2 | 1775.0 |
| 12.5° | 1544.9 | 1662.2 | 1919.3 | 2156.9 | 2323.7 | 2361.0 | 2329.2 | 2186.6 | 1981.8 | 1735.1 | 1614.2 |
| 15° | 1527.7 | 1656.4 | 1880.1 | 2073.4 | 2167.0 | 2134.5 | 2096.7 | 2032.8 | 1888.2 | 1677.7 | 1551.6 |
| 17.5° | 1602.4 | 1744.2 | 1925.0 | 2015.2 | 1999.4 | 1943.0 | 1932.1 | 1939.2 | 1904.4 | 1741.6 | 1596.2 |
| 20° | 1745.6 | 1915.9 | 2032.2 | 1987.9 | 1872.0 | 1794.3 | 1797.0 | 1905.5 | 2008.5 | 1903.4 | 1737.5 |
| 22.5° | 1946.7 | 2140.9 | 2186.6 | 2002.4 | 1818.3 | 1726.0 | 1748.3 | 1924.1 | 2174.4 | 2139.9 | 1928.1 |
| 25° | 2206.8 | 2383.9 | 2351.2 | 2055.1 | 1823.7 | 1734.4 | 1752.4 | 1988.2 | 2370.4 | 2376.5 | 2164.0 |
| 27.5° | 2459.0 | 2623.2 | 2489.4 | 2125.1 | 1846.0 | 1754.4 | 1778.1 | 2089.3 | 2557.6 | 2633.3 | 2433.6 |
| 30° | 2655.6 | 2769.8 | 2544.1 | 2188.9 | 1889.9 | 1793.2 | 1822.7 | 2185.2 | 2642.8 | 2806.7 | 2641.1 |
| 32.5° | 2818.4 | 2900.6 | 2631.2 | 2268.0 | 1970.6 | 1854.4 | 1906.2 | 2301.8 | 2765.4 | 2971.6 | 2844.1 |
| 35° | 3026.6 | 3049.9 | 2739.8 | 2356.2 | 2095.3 | 1960.9 | 2025.0 | 2416.0 | 2882.4 | 3138.1 | 3044.2 |
| 37.5° | 3270.6 | 3240.5 | 2842.1 | 2476.9 | 2256.5 | 2127.4 | 2180.5 | 2541.4 | 2978.6 | 3327.0 | 3248.6 |
| 40° | 3511.8 | 3439.6 | 2970.5 | 2664.1 | 2491.7 | 2323.7 | 2386.6 | 2675.2 | 3068.5 | 3516.2 | 3448.3 |
| 42.5° | 3717.0 | 3609.8 | 3097.2 | 2869.8 | 2710.6 | 2540.4 | 2615.4 | 2810.0 | 3154.4 | 3677.7 | 3621.7 |
| 45° | 3868.7 | 3735.5 | 3217.9 | 3067.5 | 3012.4 | 2828.3 | 2863.8 | 2964.4 | 3247.3 | 3812.5 | 3764.3 |
| 47.5° | 4004.1 | 3861.9 | 3354.4 | 3266.9 | 3276.3 | 3202.7 | 3145.6 | 3144.2 | 3356.7 | 3922.7 | 3899.1 |
| 50° | 4185.6 | 4037.3 | 3501.0 | 3472.3 | 3672.3 | 3623.4 | 3497.3 | 3354.1 | 3495.3 | 4047.7 | 4045.1 |
| 52.5° | 4435.6 | 4315.0 | 3680.1 | 3693.7 | 4042.0 | 4074.1 | 3918.0 | 3606.1 | 3712.2 | 4277.2 | 4261.0 |
| 55° | 4731.4 | 4661.1 | 3924.0 | 3948.1 | 4495.5 | 4518.5 | 4363.4 | 3921.4 | 4031.2 | 4609.3 | 4564.4 |
| 57.5° | 4962.1 | 4947.3 | 4191.7 | 4253.5 | 4834.1 | 4937.5 | 4794.9 | 4286.3 | 4390.7 | 4889.1 | 4776.3 |
| 60° | 5054.0 | 5126.0 | 4476.5 | 4561.7 | 5147.3 | 5261.9 | 5136.8 | 4607.0 | 4709.4 | 5005.0 | 4761.7 |
| 62.5° | 5004.4 | 5165.2 | 4779.9 | 4772.9 | 5217.3 | 5340.6 | 5252.8 | 4785.4 | 4945.6 | 4885.4 | 4520.8 |
| 65° | 4774.9 | 5024.3 | 4956.0 | 4718.5 | 4978.0 | 4988.1 | 4959.8 | 4705.7 | 5001.3 | 4507.3 | 4055.2 |
| 67.5° | 4275.1 | 4634.0 | 4724.2 | 4252.2 | 4332.6 | 4266.7 | 4219.1 | 4269.1 | 4710.7 | 3940.6 | 3408.1 |
| 70° | 3482.1 | 4022.0 | 4065.3 | 3401.0 | 3364.5 | 3320.3 | 3225.3 | 3500.0 | 4137.3 | 3229.7 | 2704.3 |
| 72.5° | 2560.3 | 3128.0 | 3260.8 | 2494.4 | 2325.5 | 2334.6 | 2259.6 | 2637.7 | 3363.9 | 2399.1 | 2019.0 |
| 75° | 1751.7 | 2265.0 | 2551.1 | 1740.6 | 1537.8 | 1541.5 | 1532.1 | 1868.9 | 2679.2 | 1668.9 | 1510.8 |
| 77.5° | 1279.6 | 1618.2 | 1924.1 | 1170.2 | 1136.0 | 1115.1 | 1110.0 | 1307.6 | 2054.1 | 1211.7 | 1173.2 |
| 80° | 1026.9 | 1195.5 | 1292.5 | 811.0 | 872.2 | 870.4 | 842.4 | 899.2 | 1341.5 | 886.3 | 877.5 |
| 82.5° | 712.3 | 918.7 | 1047.2 | 635.6 | 588.6 | 578.8 | 585.5 | 669.7 | 948.2 | 605.9 | 576.1 |
| 85° | 375.7 | 610.3 | 1037.1 | 563.2 | 349.4 | 278.8 | 346.7 | 548.4 | 821.4 | 321.0 | 281.1 |
| 87.5° | 48.0 | 176.4 | 686.6 | 224.7 | 137.9 | 74.4 | 164.6 | 308.8 | 527.4 | 65.6 | 57.1 |
| 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: P191299

CATALOG NUMBER: GAN-AF-01-LED-U-SLL-1200

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° | 185° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2076.8 | 2076.8 | 2076.8 | 2076.8 | 2076.8 | 2076.8 | 2076.8 | 2076.8 | 2076.8 | 2076.8 | 2076.8 |
| 2.5° | 2253.2 | 2208.2 | 2149.4 | 2095.0 | 2038.5 | 1982.5 | 1909.1 | 1863.2 | 1831.4 | 1825.4 | 1811.9 |
| 5° | 2198.4 | 2049.1 | 1936.1 | 1838.5 | 1750.0 | 1625.0 | 1555.7 | 1498.3 | 1467.5 | 1464.5 | 1457.1 |
| 7.5° | 1946.0 | 1739.8 | 1587.5 | 1449.3 | 1323.9 | 1222.8 | 1111.3 | 1059.4 | 1038.1 | 1043.1 | 1048.2 |
| 10° | 1683.5 | 1453.0 | 1278.0 | 1136.7 | 1026.2 | 941.0 | 851.5 | 791.0 | 749.1 | 740.7 | 739.0 |
| 12.5° | 1491.5 | 1238.8 | 1068.8 | 969.1 | 883.6 | 803.5 | 708.6 | 637.3 | 582.9 | 564.3 | 551.8 |
| 15° | 1410.4 | 1134.0 | 955.9 | 848.4 | 754.2 | 652.5 | 564.3 | 489.6 | 439.6 | 423.4 | 414.3 |
| 17.5° | 1427.6 | 1105.0 | 878.2 | 740.7 | 620.0 | 513.9 | 402.7 | 338.9 | 308.8 | 301.1 | 301.1 |
| 20° | 1518.2 | 1099.6 | 814.0 | 641.4 | 491.0 | 368.0 | 276.7 | 240.3 | 230.5 | 229.4 | 232.1 |
| 22.5° | 1645.2 | 1118.5 | 766.0 | 555.2 | 381.5 | 268.6 | 215.5 | 202.0 | 197.6 | 198.7 | 201.7 |
| 25° | 1834.5 | 1182.3 | 731.2 | 478.4 | 299.4 | 219.9 | 192.3 | 184.1 | 182.1 | 184.8 | 188.5 |
| 27.5° | 2058.9 | 1246.2 | 709.6 | 420.7 | 252.8 | 201.0 | 182.8 | 174.3 | 175.7 | 179.1 | 182.5 |
| 30° | 2255.8 | 1298.5 | 675.5 | 379.5 | 238.2 | 202.0 | 182.8 | 171.3 | 170.0 | 170.6 | 171.7 |
| 32.5° | 2432.6 | 1334.0 | 635.6 | 340.2 | 205.4 | 179.4 | 170.6 | 169.0 | 161.5 | 158.9 | 159.2 |
| 35° | 2585.0 | 1334.0 | 611.6 | 317.3 | 184.1 | 159.2 | 145.0 | 136.6 | 132.8 | 133.1 | 136.9 |
| 37.5° | 2732.0 | 1307.3 | 599.8 | 304.4 | 172.7 | 151.4 | 138.9 | 131.4 | 126.3 | 125.3 | 126.0 |
| 40° | 2861.7 | 1268.5 | 586.3 | 299.0 | 163.9 | 146.7 | 134.8 | 128.8 | 123.4 | 121.6 | 121.9 |
| 42.5° | 2965.7 | 1237.1 | 571.4 | 292.0 | 158.5 | 143.3 | 132.2 | 126.7 | 120.6 | 119.0 | 118.6 |
| 45° | 3078.3 | 1226.6 | 551.8 | 277.7 | 161.2 | 143.6 | 131.4 | 125.7 | 119.6 | 117.6 | 116.9 |
| 47.5° | 3226.7 | 1259.4 | 531.5 | 260.9 | 166.9 | 145.3 | 132.5 | 125.7 | 119.3 | 117.6 | 116.9 |
| 50° | 3413.5 | 1336.4 | 505.8 | 236.2 | 161.2 | 150.1 | 132.2 | 124.7 | 119.3 | 117.6 | 116.2 |
| 52.5° | 3653.5 | 1440.5 | 472.1 | 207.8 | 157.8 | 161.5 | 131.4 | 122.7 | 117.6 | 115.2 | 112.8 |
| 55° | 3945.0 | 1525.6 | 431.9 | 184.5 | 150.1 | 158.5 | 130.4 | 120.3 | 114.9 | 111.5 | 109.5 |
| 57.5° | 4158.6 | 1556.4 | 380.1 | 169.3 | 139.2 | 153.4 | 129.1 | 117.2 | 111.5 | 108.8 | 106.1 |
| 60° | 4116.4 | 1496.9 | 336.6 | 159.8 | 132.8 | 138.5 | 128.1 | 114.6 | 108.4 | 106.5 | 104.0 |
| 62.5° | 3778.1 | 1341.5 | 308.5 | 155.4 | 128.8 | 126.3 | 129.1 | 111.8 | 105.8 | 103.7 | 103.0 |
| 65° | 3270.9 | 1112.0 | 297.4 | 154.5 | 125.3 | 119.3 | 120.0 | 108.8 | 102.7 | 101.1 | 100.4 |
| 67.5° | 2698.1 | 897.4 | 287.6 | 157.8 | 121.0 | 114.2 | 110.8 | 104.8 | 99.6 | 98.0 | 96.7 |
| 70° | 2127.7 | 746.4 | 283.2 | 155.8 | 115.6 | 109.1 | 105.5 | 100.4 | 96.0 | 94.3 | 93.3 |
| 72.5° | 1713.5 | 630.5 | 280.8 | 153.7 | 108.4 | 102.4 | 99.0 | 94.6 | 89.9 | 89.2 | 88.2 |
| 75° | 1449.9 | 495.7 | 257.2 | 147.3 | 100.4 | 94.3 | 91.9 | 87.9 | 83.2 | 83.2 | 82.4 |
| 77.5° | 1118.5 | 358.5 | 213.9 | 130.4 | 91.9 | 85.1 | 83.2 | 80.1 | 74.7 | 75.7 | 75.4 |
| 80° | 826.1 | 233.8 | 167.3 | 108.1 | 81.4 | 75.0 | 74.0 | 71.0 | 65.3 | 66.6 | 66.6 |
| 82.5° | 566.0 | 153.4 | 120.3 | 88.5 | 69.6 | 63.5 | 63.5 | 60.5 | 54.1 | 54.7 | 56.8 |
| 85° | 284.2 | 105.5 | 89.9 | 68.6 | 54.1 | 51.0 | 51.0 | 48.7 | 42.2 | 42.6 | 45.3 |
| 87.5° | 86.5 | 63.5 | 59.4 | 49.0 | 38.9 | 38.2 | 36.5 | 34.8 | 30.8 | 30.4 | 32.1 |
| 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: P191299

CATALOG NUMBER: GAN-AF-01-LED-U-SLL-1200

CANDELA DISTRIBUTION (continued):

| | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° | 285° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2076.8 | 2076.8 | 2076.8 | 2076.8 | 2076.8 | 2076.8 | 2076.8 | 2076.8 | 2076.8 | 2076.8 | 2076.8 |
| 2.5° | 1791.2 | 1772.0 | 1748.6 | 1697.3 | 1680.1 | 1679.1 | 1694.6 | 1678.4 | 1709.5 | 1696.3 | 1710.8 |
| 5° | 1444.5 | 1425.6 | 1399.6 | 1334.0 | 1294.1 | 1267.1 | 1254.3 | 1216.5 | 1243.8 | 1223.9 | 1240.4 |
| 7.5° | 1062.3 | 1066.7 | 1049.5 | 1011.0 | 924.1 | 880.6 | 854.9 | 832.0 | 851.8 | 849.9 | 881.6 |
| 10° | 746.8 | 758.6 | 746.4 | 707.6 | 637.3 | 613.3 | 618.1 | 627.2 | 653.2 | 666.7 | 715.7 |
| 12.5° | 537.6 | 536.9 | 529.2 | 494.4 | 448.1 | 450.8 | 470.0 | 485.9 | 509.9 | 524.1 | 574.1 |
| 15° | 401.4 | 395.4 | 392.0 | 363.6 | 337.3 | 343.0 | 352.4 | 354.1 | 369.3 | 377.8 | 418.3 |
| 17.5° | 303.4 | 306.5 | 310.2 | 289.9 | 270.0 | 266.3 | 258.8 | 249.7 | 254.1 | 255.8 | 276.1 |
| 20° | 240.9 | 253.1 | 262.2 | 248.1 | 227.7 | 217.0 | 207.5 | 201.4 | 201.4 | 201.0 | 206.8 |
| 22.5° | 210.5 | 219.3 | 229.1 | 219.3 | 201.0 | 191.6 | 186.2 | 181.5 | 180.8 | 180.8 | 186.2 |
| 25° | 194.0 | 200.4 | 209.8 | 203.1 | 189.6 | 182.5 | 177.4 | 171.3 | 169.0 | 168.3 | 172.0 |
| 27.5° | 185.9 | 188.5 | 193.2 | 187.2 | 175.7 | 172.4 | 170.9 | 165.6 | 162.5 | 160.8 | 164.6 |
| 30° | 172.0 | 171.3 | 171.7 | 165.6 | 156.4 | 156.1 | 158.5 | 159.5 | 158.5 | 158.1 | 163.9 |
| 32.5° | 159.2 | 157.8 | 157.4 | 152.0 | 143.6 | 141.6 | 143.6 | 145.7 | 148.0 | 151.4 | 158.1 |
| 35° | 142.9 | 146.3 | 148.3 | 143.6 | 133.5 | 127.4 | 125.0 | 121.3 | 119.3 | 119.3 | 127.1 |
| 37.5° | 130.1 | 137.9 | 140.9 | 136.6 | 125.3 | 116.9 | 112.8 | 112.2 | 112.5 | 113.9 | 121.3 |
| 40° | 125.7 | 131.4 | 134.1 | 129.7 | 118.6 | 110.8 | 108.4 | 107.8 | 108.4 | 110.5 | 117.9 |
| 42.5° | 123.0 | 127.1 | 126.7 | 121.3 | 112.2 | 106.8 | 105.5 | 104.8 | 105.5 | 107.4 | 115.6 |
| 45° | 120.6 | 123.4 | 120.6 | 114.2 | 105.8 | 103.0 | 103.4 | 103.0 | 103.7 | 105.8 | 113.5 |
| 47.5° | 118.6 | 119.6 | 116.2 | 109.9 | 101.1 | 100.4 | 101.7 | 102.7 | 103.4 | 105.1 | 113.2 |
| 50° | 115.6 | 115.6 | 112.5 | 105.8 | 97.0 | 97.3 | 99.0 | 101.4 | 101.7 | 103.7 | 110.2 |
| 52.5° | 111.8 | 111.5 | 109.5 | 103.0 | 93.6 | 94.6 | 94.6 | 97.3 | 98.0 | 100.4 | 107.1 |
| 55° | 108.8 | 108.1 | 107.1 | 101.1 | 90.5 | 92.3 | 91.2 | 92.3 | 93.9 | 96.3 | 103.7 |
| 57.5° | 106.1 | 104.8 | 104.8 | 99.3 | 88.2 | 88.9 | 86.5 | 87.9 | 89.9 | 91.9 | 99.6 |
| 60° | 103.4 | 102.1 | 102.7 | 97.0 | 84.5 | 83.8 | 82.8 | 85.5 | 86.1 | 88.5 | 96.3 |
| 62.5° | 100.4 | 99.3 | 99.6 | 94.3 | 81.7 | 80.1 | 80.1 | 82.4 | 82.8 | 86.1 | 93.6 |
| 65° | 98.0 | 96.7 | 96.3 | 91.6 | 78.8 | 76.7 | 77.7 | 78.8 | 79.4 | 82.8 | 89.9 |
| 67.5° | 95.6 | 92.9 | 92.9 | 89.2 | 75.4 | 73.3 | 75.4 | 75.0 | 76.0 | 79.1 | 84.8 |
| 70° | 92.6 | 88.9 | 89.2 | 87.6 | 72.0 | 69.6 | 71.3 | 71.0 | 71.6 | 73.7 | 79.4 |
| 72.5° | 87.9 | 84.8 | 85.5 | 84.8 | 68.6 | 65.3 | 65.9 | 65.9 | 65.9 | 67.6 | 73.7 |
| 75° | 81.7 | 79.4 | 81.4 | 83.2 | 64.5 | 59.8 | 60.5 | 60.5 | 59.4 | 60.5 | 67.9 |
| 77.5° | 74.4 | 72.9 | 79.8 | 77.3 | 59.8 | 54.1 | 54.1 | 53.4 | 51.4 | 52.7 | 60.9 |
| 80° | 66.2 | 65.3 | 73.7 | 64.9 | 54.4 | 47.0 | 46.3 | 44.6 | 42.6 | 43.6 | 51.7 |
| 82.5° | 57.8 | 56.8 | 61.8 | 49.7 | 47.0 | 38.9 | 37.1 | 34.2 | 32.1 | 33.1 | 40.5 |
| 85° | 47.3 | 47.3 | 47.7 | 37.5 | 35.8 | 29.8 | 27.7 | 23.6 | 21.3 | 22.0 | 29.1 |
| 87.5° | 33.8 | 34.8 | 32.1 | 25.7 | 21.3 | 16.6 | 15.2 | 12.9 | 10.8 | 12.5 | 15.2 |
| 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: P191299

CATALOG NUMBER: GAN-AF-01-LED-U-SLL-1200

CANDELA DISTRIBUTION (continued):

| | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2076.8 | 2076.8 | 2076.8 | 2076.8 | 2076.8 | 2076.8 | 2076.8 | 2076.8 |
| 2.5° | 1785.2 | 1822.3 | 1864.5 | 1918.6 | 1964.9 | 2040.9 | 2113.9 | 2157.8 |
| 5° | 1334.7 | 1396.5 | 1473.6 | 1572.6 | 1664.9 | 1803.4 | 1940.9 | 2029.1 |
| 7.5° | 955.2 | 1021.5 | 1104.6 | 1228.3 | 1358.7 | 1535.4 | 1717.2 | 1822.7 |
| 10° | 790.3 | 858.3 | 928.2 | 1011.7 | 1118.5 | 1310.7 | 1525.6 | 1644.6 |
| 12.5° | 653.9 | 726.5 | 801.9 | 889.7 | 988.7 | 1160.3 | 1408.1 | 1544.9 |
| 15° | 500.4 | 581.5 | 670.4 | 781.5 | 905.6 | 1104.0 | 1378.9 | 1527.7 |
| 17.5° | 343.0 | 433.5 | 542.7 | 679.9 | 831.6 | 1085.7 | 1431.0 | 1602.4 |
| 20° | 236.2 | 302.1 | 418.7 | 579.5 | 762.0 | 1083.3 | 1531.1 | 1745.6 |
| 22.5° | 197.6 | 227.1 | 312.2 | 487.2 | 709.6 | 1112.4 | 1686.1 | 1946.7 |
| 25° | 182.8 | 200.4 | 249.4 | 407.1 | 671.5 | 1179.3 | 1899.7 | 2206.8 |
| 27.5° | 174.0 | 189.9 | 226.4 | 354.8 | 641.4 | 1257.0 | 2107.5 | 2459.0 |
| 30° | 177.4 | 193.6 | 219.9 | 328.1 | 600.5 | 1321.9 | 2292.0 | 2655.6 |
| 32.5° | 159.8 | 166.9 | 188.5 | 304.4 | 571.0 | 1376.3 | 2453.5 | 2818.4 |
| 35° | 136.2 | 148.6 | 168.3 | 293.3 | 571.7 | 1412.8 | 2629.6 | 3026.6 |
| 37.5° | 129.7 | 142.3 | 156.4 | 289.3 | 579.5 | 1451.7 | 2831.6 | 3270.6 |
| 40° | 125.7 | 137.2 | 149.4 | 286.8 | 587.0 | 1487.2 | 3029.7 | 3511.8 |
| 42.5° | 123.0 | 133.5 | 148.6 | 278.8 | 590.7 | 1518.9 | 3192.5 | 3717.0 |
| 45° | 122.7 | 133.5 | 151.4 | 270.7 | 596.4 | 1553.0 | 3329.0 | 3868.7 |
| 47.5° | 123.0 | 137.9 | 146.3 | 260.9 | 596.4 | 1610.1 | 3489.2 | 4004.1 |
| 50° | 121.6 | 145.3 | 140.9 | 247.0 | 582.6 | 1718.3 | 3708.8 | 4185.6 |
| 52.5° | 121.0 | 144.2 | 130.4 | 225.8 | 558.5 | 1889.9 | 3990.3 | 4435.6 |
| 55° | 119.3 | 139.2 | 123.0 | 194.0 | 530.5 | 2077.1 | 4291.7 | 4731.4 |
| 57.5° | 117.6 | 123.4 | 119.0 | 166.2 | 487.2 | 2208.9 | 4499.1 | 4962.1 |
| 60° | 131.8 | 107.8 | 115.6 | 152.7 | 429.4 | 2245.1 | 4491.1 | 5054.0 |
| 62.5° | 121.9 | 101.1 | 111.2 | 149.7 | 388.9 | 2143.7 | 4283.6 | 5004.4 |
| 65° | 95.6 | 96.7 | 106.8 | 158.5 | 378.1 | 1875.1 | 3916.0 | 4774.9 |
| 67.5° | 87.6 | 92.3 | 102.4 | 169.6 | 379.1 | 1501.3 | 3366.5 | 4275.1 |
| 70° | 82.4 | 87.6 | 97.3 | 175.3 | 381.9 | 1119.1 | 2661.7 | 3482.1 |
| 72.5° | 76.7 | 81.1 | 91.6 | 176.4 | 364.3 | 813.0 | 2051.4 | 2560.3 |
| 75° | 70.0 | 74.0 | 83.5 | 153.7 | 301.8 | 564.0 | 1569.2 | 1751.7 |
| 77.5° | 62.2 | 65.3 | 73.3 | 118.6 | 224.0 | 360.9 | 1177.9 | 1279.6 |
| 80° | 53.1 | 54.7 | 61.5 | 86.8 | 153.4 | 225.8 | 931.9 | 1026.9 |
| 82.5° | 42.6 | 43.3 | 47.7 | 65.3 | 99.6 | 145.0 | 624.1 | 712.3 |
| 85° | 30.1 | 30.1 | 32.7 | 47.3 | 67.9 | 91.9 | 338.9 | 375.7 |
| 87.5° | 14.2 | 14.5 | 14.5 | 26.0 | 35.5 | 46.6 | 78.1 | 48.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)