

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: P193010

Luminaire Tested: **GAN-AF-02-LED-U-SLL-7030-600-ADJ**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P193010
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-02-LED-U-SLL-7030-600-ADJ
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(2) 70 CRI, 3000K, 615mA 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: 6819.9 lumens
Efficiency: N/A
Efficacy: 103.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G2

Input Watts (W): 66
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

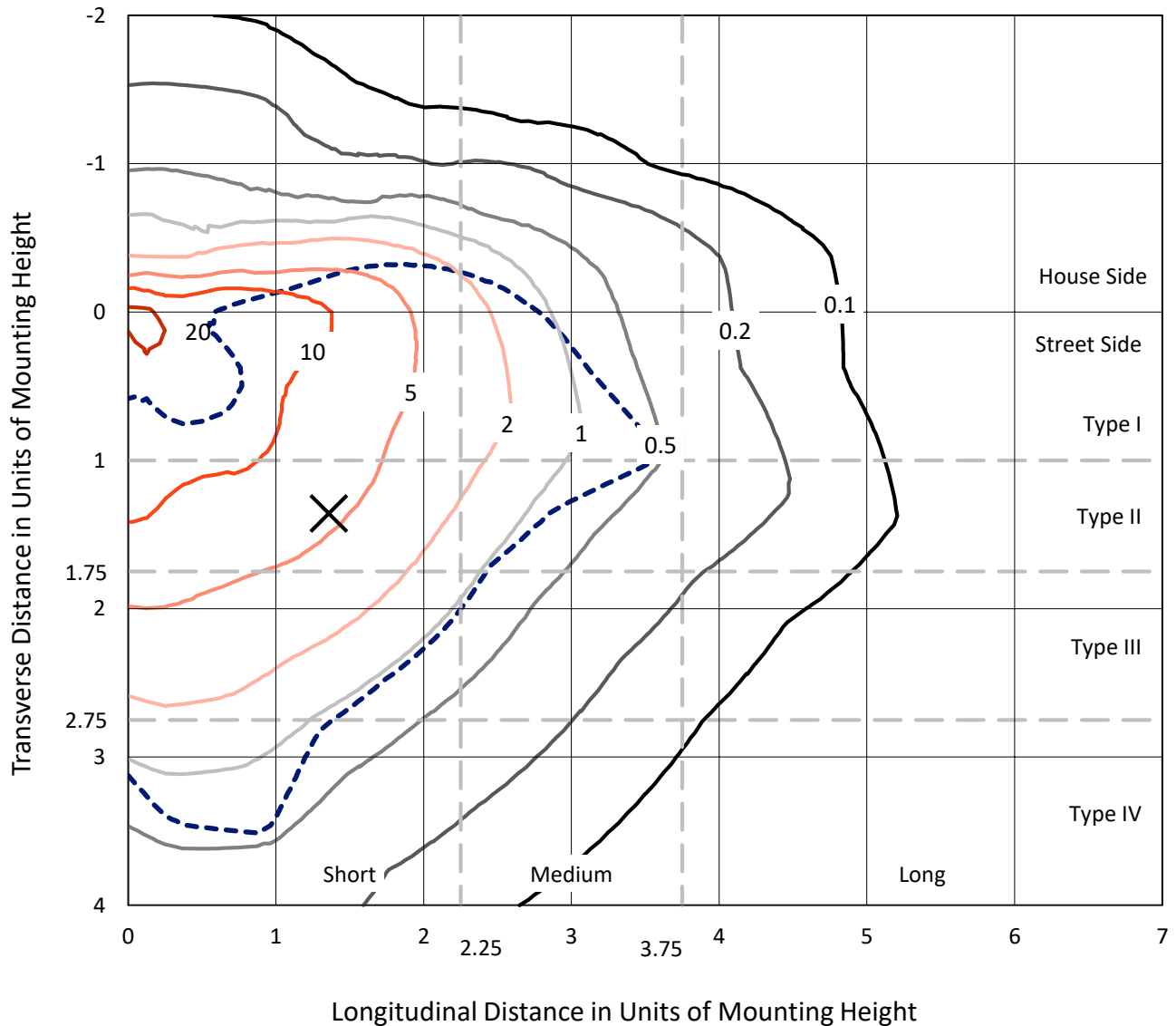


REPORT NUMBER: P193010

CATALOG NUMBER: GAN-AF-02-LED-U-SLL-7030-600-ADJ

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

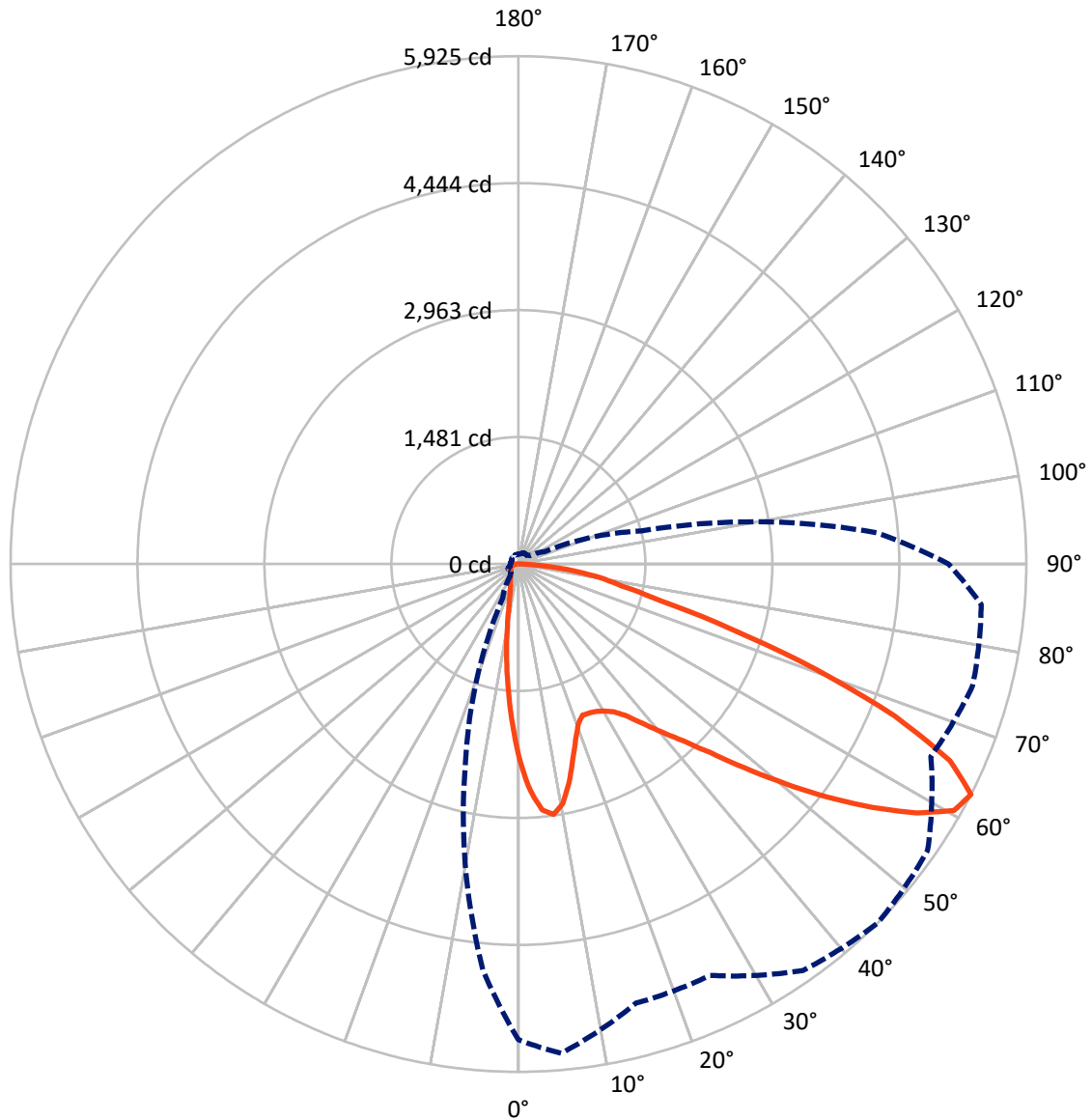


Based on 10 foot mounting height. Maximum calculated value = 27.1 fc
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P193010

CATALOG NUMBER: GAN-AF-02-LED-U-SLL-7030-600-ADJ

Luminous Intensity Polar Plot



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

REPORT NUMBER: P193010

CATALOG NUMBER: GAN-AF-02-LED-U-SLL-7030-600-ADJ

FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1128.6 | 0.0 | 1128.6 |
| | % Fixture | 16.5 | 0.0 | 16.5 |
| Street Side | Lumens | 5691.3 | 0.0 | 5691.3 |
| | % Fixture | 83.5 | 0.0 | 83.5 |
| Total | Lumens | 6819.9 | 0.0 | 6819.9 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 167.7 | 2.5 |
| 10°-20° | 307.6 | 4.5 |
| 20°-30° | 448.4 | 6.6 |
| 30°-40° | 690.7 | 10.1 |
| 40°-50° | 1016.5 | 14.9 |
| 50°-60° | 1491.0 | 21.9 |
| 60°-70° | 1666.7 | 24.4 |
| 70°-80° | 816.0 | 12.0 |
| 80°-90° | 215.4 | 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° | 6819.9 | 100.0 |
| 0°-180° | 6819.9 | 100.0 |

Coefficient of Utilization



REPORT NUMBER: P193010

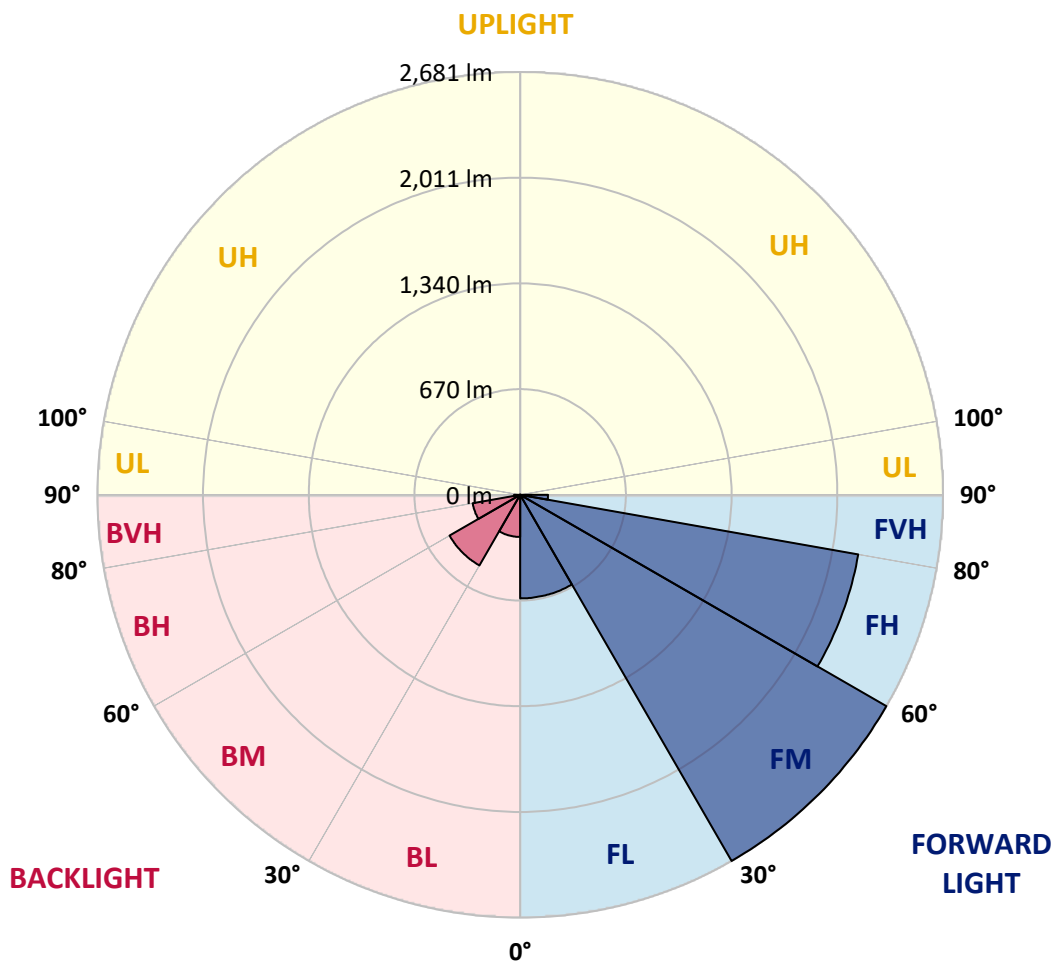
CATALOG NUMBER: GAN-AF-02-LED-U-SLL-7030-600-ADJ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 656.7 | 9.6 | | | |
| FM (30°-60°) | 2681.0 | 39.3 | | | |
| FH (60°-80°) | 2176.7 | 31.9 | | | G2/5000 |
| FVH (80°-90°) | 176.9 | 2.6 | | | G2/225 |
| BL (0°-30°) | 267.0 | 3.9 | B1/500 | | |
| BM (30°-60°) | 517.1 | 7.6 | B1/1000 | | |
| BH (60°-80°) | 306.0 | 4.5 | B1/500 | | G1/500 |
| BVH (80°-90°) | 38.5 | 0.6 | | | G1/100 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B1-U0-G2

Type IV Short





REPORT NUMBER: P193010

CATALOG NUMBER: GAN-AF-02-LED-U-SLL-7030-600-ADJ

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2304.2 | 2304.2 | 2304.2 | 2304.2 | 2304.2 | 2304.2 | 2304.2 | 2304.2 | 2304.2 | 2304.2 | 2304.2 |
| 2.5° | 2394.1 | 2432.3 | 2507.0 | 2562.7 | 2630.8 | 2646.5 | 2668.2 | 2646.8 | 2608.9 | 2558.8 | 2542.3 |
| 5° | 2251.3 | 2333.0 | 2514.0 | 2673.5 | 2815.2 | 2881.1 | 2899.5 | 2845.1 | 2735.3 | 2591.0 | 2502.8 |
| 7.5° | 2022.2 | 2138.4 | 2383.6 | 2618.3 | 2827.2 | 2950.4 | 2947.5 | 2821.2 | 2619.1 | 2384.0 | 2242.6 |
| 10° | 1824.6 | 1957.4 | 2238.5 | 2501.0 | 2722.5 | 2842.2 | 2796.1 | 2634.5 | 2393.4 | 2122.7 | 1969.4 |
| 12.5° | 1714.1 | 1844.2 | 2129.5 | 2393.0 | 2578.2 | 2619.5 | 2584.2 | 2426.0 | 2198.9 | 1925.1 | 1790.9 |
| 15° | 1694.9 | 1837.7 | 2086.0 | 2300.5 | 2404.2 | 2368.3 | 2326.2 | 2255.4 | 2094.9 | 1861.3 | 1721.6 |
| 17.5° | 1777.7 | 1935.2 | 2135.8 | 2235.9 | 2218.3 | 2155.6 | 2143.6 | 2151.6 | 2113.0 | 1932.2 | 1771.1 |
| 20° | 1936.7 | 2125.7 | 2254.7 | 2205.5 | 2076.9 | 1990.7 | 1993.8 | 2114.0 | 2228.5 | 2111.9 | 1927.8 |
| 22.5° | 2159.8 | 2375.4 | 2426.0 | 2221.7 | 2017.4 | 1915.0 | 1939.8 | 2134.7 | 2412.5 | 2374.2 | 2139.2 |
| 25° | 2448.5 | 2644.9 | 2608.6 | 2280.1 | 2023.4 | 1924.4 | 1944.3 | 2206.0 | 2630.0 | 2636.7 | 2400.9 |
| 27.5° | 2728.2 | 2910.3 | 2761.8 | 2357.9 | 2048.1 | 1946.5 | 1972.7 | 2318.1 | 2837.7 | 2921.6 | 2700.1 |
| 30° | 2946.4 | 3073.0 | 2822.6 | 2428.7 | 2096.8 | 1989.6 | 2022.2 | 2424.5 | 2932.1 | 3113.9 | 2930.3 |
| 32.5° | 3127.1 | 3218.1 | 2919.4 | 2516.3 | 2186.4 | 2057.5 | 2114.8 | 2553.8 | 3068.2 | 3296.9 | 3155.5 |
| 35° | 3358.0 | 3383.9 | 3039.7 | 2614.2 | 2324.8 | 2175.6 | 2246.8 | 2680.5 | 3197.9 | 3481.8 | 3377.5 |
| 37.5° | 3628.7 | 3595.2 | 3153.3 | 2748.1 | 2503.5 | 2360.4 | 2419.2 | 2819.7 | 3304.8 | 3691.4 | 3604.4 |
| 40° | 3896.4 | 3816.1 | 3295.8 | 2955.7 | 2764.5 | 2578.2 | 2647.9 | 2968.1 | 3404.5 | 3901.2 | 3825.9 |
| 42.5° | 4123.9 | 4005.1 | 3436.3 | 3184.1 | 3007.5 | 2818.6 | 2901.7 | 3117.7 | 3499.7 | 4080.4 | 4018.2 |
| 45° | 4292.2 | 4144.5 | 3570.1 | 3403.3 | 3342.2 | 3137.9 | 3177.3 | 3289.0 | 3602.9 | 4230.0 | 4176.4 |
| 47.5° | 4442.6 | 4284.7 | 3721.7 | 3624.5 | 3635.0 | 3553.3 | 3490.0 | 3488.4 | 3724.3 | 4352.3 | 4326.0 |
| 50° | 4643.9 | 4479.3 | 3884.3 | 3852.5 | 4074.4 | 4020.0 | 3880.3 | 3721.3 | 3877.9 | 4491.0 | 4488.0 |
| 52.5° | 4921.4 | 4787.5 | 4083.0 | 4098.1 | 4484.5 | 4520.2 | 4347.0 | 4001.0 | 4118.6 | 4745.5 | 4727.5 |
| 55° | 5249.4 | 5171.5 | 4353.8 | 4380.3 | 4987.6 | 5013.2 | 4841.2 | 4350.7 | 4472.6 | 5114.1 | 5064.1 |
| 57.5° | 5505.5 | 5488.9 | 4650.6 | 4719.2 | 5363.3 | 5478.0 | 5319.9 | 4755.6 | 4871.5 | 5424.5 | 5299.3 |
| 60° | 5607.4 | 5687.3 | 4966.7 | 5061.2 | 5710.9 | 5837.9 | 5699.3 | 5111.3 | 5225.0 | 5553.1 | 5283.1 |
| 62.5° | 5552.3 | 5730.7 | 5303.3 | 5295.5 | 5788.4 | 5925.3 | 5827.9 | 5309.4 | 5487.1 | 5420.4 | 5015.9 |
| 65° | 5297.8 | 5574.4 | 5498.7 | 5235.1 | 5523.0 | 5534.3 | 5502.9 | 5220.9 | 5548.9 | 5000.8 | 4499.2 |
| 67.5° | 4743.3 | 5141.4 | 5241.5 | 4717.9 | 4807.0 | 4733.8 | 4681.0 | 4736.5 | 5226.5 | 4372.1 | 3781.3 |
| 70° | 3863.4 | 4462.4 | 4510.4 | 3773.4 | 3733.0 | 3683.7 | 3578.5 | 3883.3 | 4590.3 | 3583.2 | 3000.4 |
| 72.5° | 2840.6 | 3470.5 | 3617.8 | 2767.5 | 2580.0 | 2590.2 | 2507.0 | 2926.5 | 3732.2 | 2661.8 | 2240.1 |
| 75° | 1943.5 | 2513.0 | 2830.5 | 1931.1 | 1706.2 | 1710.4 | 1699.8 | 2073.6 | 2972.6 | 1851.6 | 1676.1 |
| 77.5° | 1419.8 | 1795.4 | 2134.7 | 1298.3 | 1260.5 | 1237.2 | 1231.6 | 1450.9 | 2279.0 | 1344.4 | 1301.8 |
| 80° | 1139.3 | 1326.4 | 1434.0 | 899.7 | 967.6 | 965.8 | 934.6 | 997.6 | 1488.3 | 983.4 | 973.6 |
| 82.5° | 790.3 | 1019.4 | 1161.9 | 705.2 | 653.1 | 642.2 | 649.6 | 743.1 | 1051.9 | 672.2 | 639.1 |
| 85° | 417.0 | 677.1 | 1150.6 | 625.0 | 387.7 | 309.3 | 384.7 | 608.5 | 911.4 | 356.1 | 311.9 |
| 87.5° | 53.2 | 195.7 | 761.7 | 249.3 | 153.0 | 82.5 | 182.6 | 342.6 | 585.2 | 72.7 | 63.4 |
| 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: P193010

CATALOG NUMBER: GAN-AF-02-LED-U-SLL-7030-600-ADJ

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° | 185° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2304.2 | 2304.2 | 2304.2 | 2304.2 | 2304.2 | 2304.2 | 2304.2 | 2304.2 | 2304.2 | 2304.2 | 2304.2 |
| 2.5° | 2499.9 | 2450.0 | 2384.8 | 2324.4 | 2261.7 | 2199.6 | 2118.2 | 2067.1 | 2032.0 | 2025.2 | 2010.3 |
| 5° | 2439.1 | 2273.3 | 2148.1 | 2039.9 | 1941.6 | 1802.9 | 1726.1 | 1662.3 | 1628.2 | 1624.8 | 1616.6 |
| 7.5° | 2159.1 | 1930.4 | 1761.3 | 1608.0 | 1468.9 | 1356.8 | 1233.1 | 1175.3 | 1151.7 | 1157.3 | 1162.9 |
| 10° | 1867.8 | 1612.1 | 1417.8 | 1261.2 | 1138.6 | 1044.1 | 944.8 | 877.7 | 831.1 | 821.7 | 819.9 |
| 12.5° | 1654.8 | 1374.4 | 1185.8 | 1075.2 | 980.4 | 891.5 | 786.1 | 707.0 | 646.7 | 626.0 | 612.2 |
| 15° | 1564.8 | 1258.1 | 1060.6 | 941.4 | 836.8 | 724.0 | 626.0 | 543.2 | 487.8 | 469.7 | 459.7 |
| 17.5° | 1583.9 | 1225.9 | 974.4 | 821.7 | 687.9 | 570.3 | 446.9 | 376.1 | 342.6 | 334.0 | 334.0 |
| 20° | 1684.4 | 1219.9 | 903.1 | 711.6 | 544.7 | 408.3 | 307.0 | 266.6 | 255.6 | 254.6 | 257.6 |
| 22.5° | 1825.4 | 1240.9 | 849.9 | 616.0 | 423.3 | 298.1 | 239.2 | 224.2 | 219.3 | 220.4 | 223.8 |
| 25° | 2035.4 | 1311.7 | 811.2 | 530.9 | 332.1 | 244.0 | 213.3 | 204.4 | 202.0 | 205.1 | 209.2 |
| 27.5° | 2284.3 | 1382.6 | 787.3 | 466.7 | 280.5 | 223.1 | 202.7 | 193.5 | 194.9 | 198.8 | 202.4 |
| 30° | 2502.8 | 1440.8 | 749.4 | 420.9 | 264.3 | 224.2 | 202.7 | 190.1 | 188.6 | 189.3 | 190.4 |
| 32.5° | 2698.9 | 1480.1 | 705.2 | 377.5 | 228.0 | 199.1 | 189.3 | 187.5 | 179.1 | 176.2 | 176.6 |
| 35° | 2868.0 | 1480.1 | 678.6 | 352.1 | 204.4 | 176.6 | 160.8 | 151.5 | 147.4 | 147.7 | 151.9 |
| 37.5° | 3031.1 | 1450.5 | 665.5 | 337.8 | 191.5 | 167.9 | 154.0 | 145.9 | 140.2 | 139.1 | 139.9 |
| 40° | 3175.1 | 1407.4 | 650.4 | 331.8 | 181.8 | 162.7 | 149.5 | 142.8 | 136.8 | 134.9 | 135.4 |
| 42.5° | 3290.6 | 1372.6 | 633.9 | 324.0 | 175.8 | 159.0 | 146.6 | 140.6 | 133.9 | 131.9 | 131.5 |
| 45° | 3415.3 | 1361.0 | 612.2 | 308.2 | 178.8 | 159.3 | 145.9 | 139.5 | 132.8 | 130.4 | 129.7 |
| 47.5° | 3580.0 | 1397.2 | 589.7 | 289.4 | 185.2 | 161.1 | 147.0 | 139.5 | 132.3 | 130.4 | 129.7 |
| 50° | 3787.3 | 1482.7 | 561.3 | 262.0 | 178.8 | 166.5 | 146.6 | 138.3 | 132.3 | 130.4 | 128.9 |
| 52.5° | 4053.4 | 1598.3 | 523.8 | 230.5 | 175.1 | 179.1 | 145.9 | 136.1 | 130.4 | 127.9 | 125.2 |
| 55° | 4377.0 | 1692.7 | 479.1 | 204.7 | 166.5 | 175.8 | 144.7 | 133.6 | 127.5 | 123.7 | 121.5 |
| 57.5° | 4613.9 | 1726.9 | 421.7 | 187.8 | 154.5 | 170.2 | 143.2 | 130.1 | 123.7 | 120.7 | 117.7 |
| 60° | 4567.0 | 1660.8 | 373.4 | 177.3 | 147.4 | 153.7 | 142.0 | 127.1 | 120.3 | 118.1 | 115.5 |
| 62.5° | 4191.7 | 1488.3 | 342.3 | 172.4 | 142.8 | 140.2 | 143.2 | 124.1 | 117.4 | 115.0 | 114.4 |
| 65° | 3629.0 | 1233.7 | 330.0 | 171.3 | 139.1 | 132.3 | 133.1 | 120.7 | 113.9 | 112.1 | 111.3 |
| 67.5° | 2993.6 | 995.8 | 319.0 | 175.1 | 134.2 | 126.7 | 122.9 | 116.3 | 110.6 | 108.7 | 107.2 |
| 70° | 2360.8 | 828.1 | 314.1 | 172.8 | 128.3 | 121.1 | 117.0 | 111.3 | 106.4 | 104.6 | 103.5 |
| 72.5° | 1901.1 | 699.6 | 311.5 | 170.6 | 120.3 | 113.6 | 109.8 | 105.0 | 99.8 | 99.0 | 97.9 |
| 75° | 1608.8 | 550.0 | 285.2 | 163.5 | 111.3 | 104.6 | 101.9 | 97.5 | 92.3 | 92.3 | 91.4 |
| 77.5° | 1240.9 | 397.8 | 237.3 | 144.7 | 101.9 | 94.5 | 92.3 | 88.8 | 82.8 | 84.0 | 83.6 |
| 80° | 916.6 | 259.4 | 185.5 | 119.9 | 90.3 | 83.2 | 82.1 | 78.7 | 72.3 | 73.9 | 73.9 |
| 82.5° | 627.9 | 170.2 | 133.6 | 98.3 | 77.2 | 70.5 | 70.5 | 67.0 | 60.0 | 60.7 | 63.0 |
| 85° | 315.3 | 117.0 | 99.8 | 76.2 | 60.0 | 56.6 | 56.6 | 54.0 | 46.9 | 47.2 | 50.3 |
| 87.5° | 95.9 | 70.5 | 66.0 | 54.4 | 43.1 | 42.4 | 40.5 | 38.6 | 34.1 | 33.8 | 35.6 |
| 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: P193010

CATALOG NUMBER: GAN-AF-02-LED-U-SLL-7030-600-ADJ

CANDELA DISTRIBUTION (continued):

| | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° | 285° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2304.2 | 2304.2 | 2304.2 | 2304.2 | 2304.2 | 2304.2 | 2304.2 | 2304.2 | 2304.2 | 2304.2 | 2304.2 |
| 2.5° | 1987.3 | 1966.0 | 1940.1 | 1883.1 | 1864.0 | 1862.9 | 1880.2 | 1862.1 | 1896.6 | 1882.0 | 1898.2 |
| 5° | 1602.8 | 1581.7 | 1552.8 | 1480.1 | 1435.8 | 1405.8 | 1391.6 | 1349.7 | 1380.1 | 1357.9 | 1376.2 |
| 7.5° | 1178.7 | 1183.6 | 1164.4 | 1121.6 | 1025.4 | 977.0 | 948.5 | 923.0 | 945.1 | 942.9 | 978.1 |
| 10° | 828.5 | 841.7 | 828.1 | 785.0 | 707.0 | 680.4 | 685.7 | 695.9 | 724.7 | 739.6 | 794.1 |
| 12.5° | 596.4 | 595.7 | 587.0 | 548.5 | 497.1 | 500.1 | 521.5 | 539.0 | 565.8 | 581.5 | 637.0 |
| 15° | 445.3 | 438.6 | 434.9 | 403.3 | 374.1 | 380.6 | 391.0 | 392.9 | 409.7 | 419.1 | 464.2 |
| 17.5° | 336.6 | 340.1 | 344.1 | 321.7 | 299.6 | 295.4 | 287.2 | 277.1 | 281.9 | 283.8 | 306.3 |
| 20° | 267.3 | 280.8 | 290.9 | 275.3 | 252.7 | 240.7 | 230.2 | 223.4 | 223.4 | 223.1 | 229.5 |
| 22.5° | 233.6 | 243.3 | 254.1 | 243.3 | 223.1 | 212.6 | 206.6 | 201.4 | 200.6 | 200.6 | 206.6 |
| 25° | 215.2 | 222.4 | 232.8 | 225.3 | 210.4 | 202.4 | 196.7 | 190.1 | 187.5 | 186.8 | 190.8 |
| 27.5° | 206.2 | 209.2 | 214.4 | 207.7 | 194.9 | 191.2 | 189.7 | 183.7 | 180.3 | 178.4 | 182.6 |
| 30° | 190.8 | 190.1 | 190.4 | 183.7 | 173.6 | 173.1 | 175.8 | 177.0 | 175.8 | 175.5 | 181.8 |
| 32.5° | 176.6 | 175.1 | 174.7 | 168.7 | 159.3 | 157.2 | 159.3 | 161.6 | 164.2 | 167.9 | 175.5 |
| 35° | 158.5 | 162.4 | 164.6 | 159.3 | 148.0 | 141.4 | 138.8 | 134.6 | 132.3 | 132.3 | 141.0 |
| 37.5° | 144.3 | 153.0 | 156.3 | 151.5 | 139.1 | 129.7 | 125.2 | 124.4 | 124.9 | 126.3 | 134.6 |
| 40° | 139.5 | 145.9 | 148.8 | 144.0 | 131.5 | 122.9 | 120.3 | 119.6 | 120.3 | 122.6 | 130.9 |
| 42.5° | 136.5 | 141.0 | 140.6 | 134.6 | 124.4 | 118.4 | 117.0 | 116.3 | 117.0 | 119.2 | 128.3 |
| 45° | 133.9 | 136.8 | 133.9 | 126.7 | 117.4 | 114.4 | 114.7 | 114.4 | 115.0 | 117.4 | 125.9 |
| 47.5° | 131.5 | 132.8 | 128.9 | 121.9 | 112.1 | 111.3 | 112.9 | 113.9 | 114.7 | 116.6 | 125.5 |
| 50° | 128.3 | 128.3 | 124.9 | 117.4 | 107.6 | 107.9 | 109.8 | 112.4 | 112.9 | 115.0 | 122.3 |
| 52.5° | 124.1 | 123.7 | 121.5 | 114.4 | 103.8 | 105.0 | 105.0 | 107.9 | 108.7 | 111.3 | 118.9 |
| 55° | 120.7 | 119.9 | 118.9 | 112.1 | 100.5 | 102.3 | 101.2 | 102.3 | 104.3 | 106.8 | 115.0 |
| 57.5° | 117.7 | 116.3 | 116.3 | 110.3 | 97.9 | 98.6 | 95.9 | 97.5 | 99.8 | 101.9 | 110.6 |
| 60° | 114.7 | 113.2 | 113.9 | 107.6 | 93.8 | 93.0 | 91.9 | 94.8 | 95.6 | 98.3 | 106.8 |
| 62.5° | 111.3 | 110.3 | 110.6 | 104.6 | 90.6 | 88.8 | 88.8 | 91.4 | 91.9 | 95.6 | 103.8 |
| 65° | 108.7 | 107.2 | 106.8 | 101.6 | 87.3 | 85.1 | 86.2 | 87.3 | 88.1 | 91.9 | 99.8 |
| 67.5° | 106.1 | 103.1 | 103.1 | 99.0 | 83.6 | 81.4 | 83.6 | 83.2 | 84.3 | 87.7 | 94.1 |
| 70° | 102.7 | 98.6 | 99.0 | 97.1 | 79.9 | 77.2 | 79.1 | 78.7 | 79.4 | 81.7 | 88.1 |
| 72.5° | 97.5 | 94.1 | 94.8 | 94.1 | 76.2 | 72.3 | 73.1 | 73.1 | 73.1 | 75.0 | 81.7 |
| 75° | 90.6 | 88.1 | 90.3 | 92.3 | 71.6 | 66.3 | 67.0 | 67.0 | 66.0 | 67.0 | 75.4 |
| 77.5° | 82.5 | 81.0 | 88.5 | 85.9 | 66.3 | 60.0 | 60.0 | 59.2 | 57.1 | 58.5 | 67.5 |
| 80° | 73.5 | 72.3 | 81.7 | 72.0 | 60.3 | 52.1 | 51.4 | 49.5 | 47.2 | 48.4 | 57.4 |
| 82.5° | 64.1 | 63.0 | 68.7 | 55.0 | 52.1 | 43.1 | 41.2 | 37.9 | 35.6 | 36.7 | 45.1 |
| 85° | 52.5 | 52.5 | 52.9 | 41.6 | 39.8 | 33.0 | 30.7 | 26.2 | 23.6 | 24.4 | 32.2 |
| 87.5° | 37.4 | 38.6 | 35.6 | 28.5 | 23.6 | 18.3 | 16.8 | 14.2 | 12.0 | 13.8 | 16.8 |
| 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: P193010

CATALOG NUMBER: GAN-AF-02-LED-U-SLL-7030-600-ADJ

CANDELA DISTRIBUTION (continued):

| | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2304.2 | 2304.2 | 2304.2 | 2304.2 | 2304.2 | 2304.2 | 2304.2 | 2304.2 |
| 2.5° | 1980.7 | 2021.9 | 2068.8 | 2128.7 | 2180.0 | 2264.4 | 2345.4 | 2394.1 |
| 5° | 1480.9 | 1549.6 | 1634.9 | 1744.8 | 1847.1 | 2000.9 | 2153.4 | 2251.3 |
| 7.5° | 1059.9 | 1133.3 | 1225.6 | 1362.8 | 1507.4 | 1703.6 | 1905.3 | 2022.2 |
| 10° | 877.0 | 952.3 | 1029.9 | 1122.4 | 1240.9 | 1454.2 | 1692.7 | 1824.6 |
| 12.5° | 725.5 | 806.0 | 889.7 | 987.1 | 1097.0 | 1287.4 | 1562.2 | 1714.1 |
| 15° | 555.2 | 645.1 | 743.8 | 867.2 | 1004.7 | 1224.8 | 1529.9 | 1694.9 |
| 17.5° | 380.6 | 481.0 | 602.1 | 754.3 | 922.5 | 1204.6 | 1587.7 | 1777.7 |
| 20° | 262.0 | 335.2 | 464.5 | 643.0 | 845.4 | 1202.0 | 1698.7 | 1936.7 |
| 22.5° | 219.3 | 252.0 | 346.5 | 540.7 | 787.3 | 1234.2 | 1870.7 | 2159.8 |
| 25° | 202.7 | 222.4 | 276.7 | 451.8 | 744.9 | 1308.4 | 2107.7 | 2448.5 |
| 27.5° | 193.1 | 210.7 | 251.2 | 393.7 | 711.6 | 1394.5 | 2338.2 | 2728.2 |
| 30° | 196.7 | 214.8 | 244.0 | 364.1 | 666.2 | 1466.6 | 2543.0 | 2946.4 |
| 32.5° | 177.3 | 185.2 | 209.2 | 337.8 | 633.6 | 1527.0 | 2722.2 | 3127.1 |
| 35° | 151.1 | 165.0 | 186.8 | 325.4 | 634.4 | 1567.5 | 2917.4 | 3358.0 |
| 37.5° | 144.0 | 157.9 | 173.6 | 320.9 | 643.0 | 1610.6 | 3141.6 | 3628.7 |
| 40° | 139.5 | 152.2 | 165.7 | 318.3 | 651.1 | 1650.0 | 3361.4 | 3896.4 |
| 42.5° | 136.5 | 148.0 | 165.0 | 309.3 | 655.3 | 1685.3 | 3542.0 | 4123.9 |
| 45° | 136.1 | 148.0 | 167.9 | 300.3 | 661.7 | 1723.0 | 3693.5 | 4292.2 |
| 47.5° | 136.5 | 153.0 | 162.4 | 289.4 | 661.7 | 1786.4 | 3871.3 | 4442.6 |
| 50° | 134.9 | 161.1 | 156.3 | 274.0 | 646.4 | 1906.3 | 4114.9 | 4643.9 |
| 52.5° | 134.2 | 160.1 | 144.7 | 250.4 | 619.7 | 2096.8 | 4427.1 | 4921.4 |
| 55° | 132.3 | 154.5 | 136.5 | 215.2 | 588.6 | 2304.5 | 4761.6 | 5249.4 |
| 57.5° | 130.4 | 136.8 | 131.9 | 184.4 | 540.7 | 2450.6 | 4991.8 | 5505.5 |
| 60° | 146.2 | 119.6 | 128.3 | 169.5 | 476.5 | 2490.9 | 4982.9 | 5607.4 |
| 62.5° | 135.4 | 112.1 | 123.4 | 166.1 | 431.5 | 2378.3 | 4752.7 | 5552.3 |
| 65° | 106.1 | 107.2 | 118.4 | 175.8 | 419.5 | 2080.3 | 4344.7 | 5297.8 |
| 67.5° | 97.1 | 102.3 | 113.6 | 188.3 | 420.6 | 1665.6 | 3735.1 | 4743.3 |
| 70° | 91.4 | 97.1 | 107.9 | 194.6 | 423.6 | 1241.7 | 2953.1 | 3863.4 |
| 72.5° | 85.1 | 90.0 | 101.6 | 195.7 | 404.2 | 902.1 | 2276.0 | 2840.6 |
| 75° | 77.6 | 82.1 | 92.7 | 170.6 | 334.8 | 625.7 | 1741.0 | 1943.5 |
| 77.5° | 69.0 | 72.3 | 81.4 | 131.5 | 248.6 | 400.4 | 1307.0 | 1419.8 |
| 80° | 58.9 | 60.7 | 68.2 | 96.3 | 170.2 | 250.4 | 1034.0 | 1139.3 |
| 82.5° | 47.2 | 48.0 | 52.9 | 72.3 | 110.6 | 160.8 | 692.4 | 790.3 |
| 85° | 33.4 | 33.4 | 36.4 | 52.5 | 75.4 | 101.9 | 376.1 | 417.0 |
| 87.5° | 15.8 | 16.2 | 16.2 | 28.9 | 39.4 | 51.8 | 86.7 | 53.2 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)