

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: P269891

Luminaire Tested: **GAW-AF-02-LED-U-SLL-7027-800**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P269891
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: GAW-AF-02-LED-U-SLL-7027-800
Description: GALLEON WALL LUMINAIRE
(2) 70 CRI, 2700K, 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: 7663.4 lumens
Efficiency: N/A
Efficacy: 89.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G2

Input Watts (W): 86
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

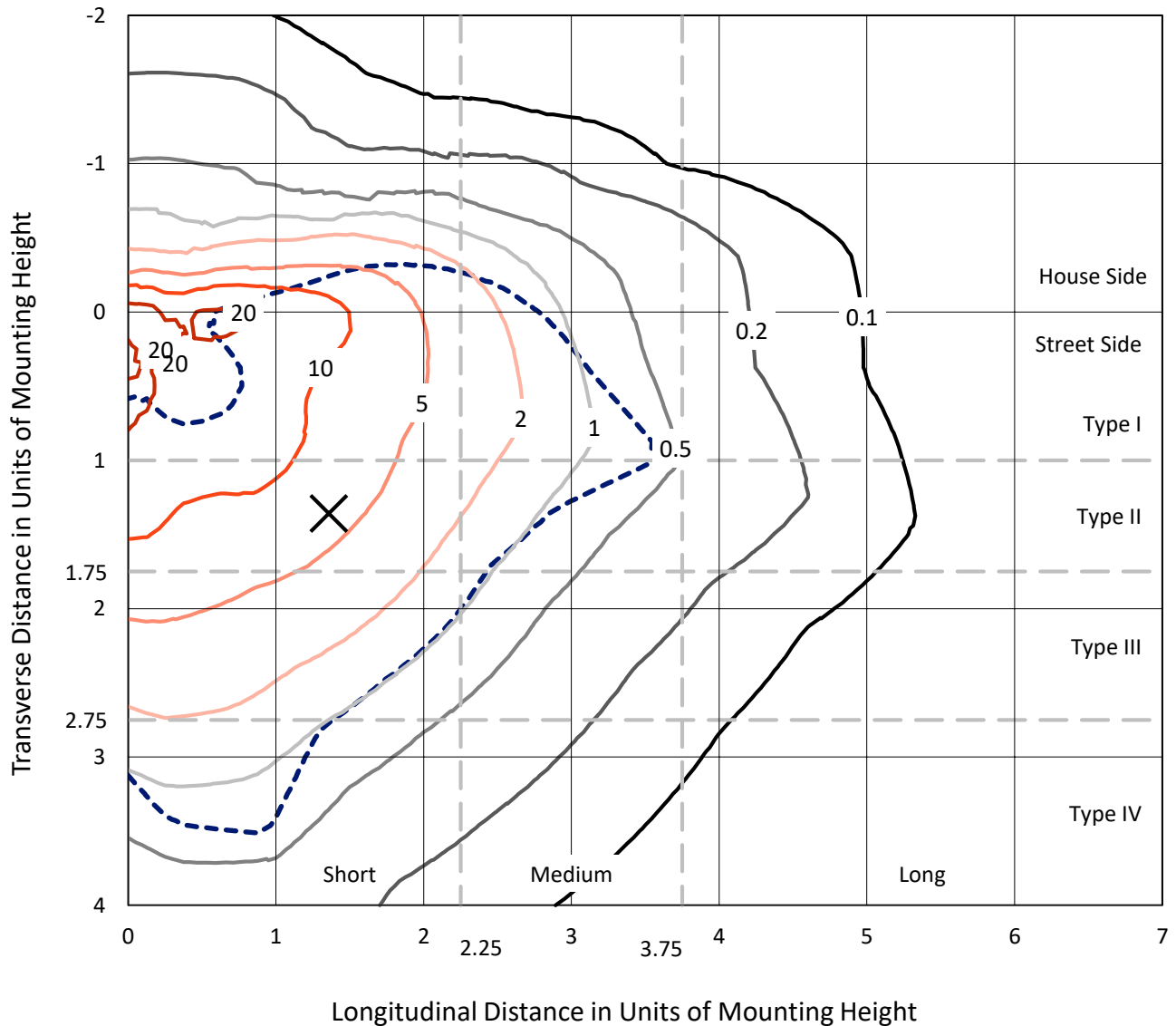


REPORT NUMBER: P269891

CATALOG NUMBER: GAW-AF-02-LED-U-SLL-7027-800

Iso-Footcandle Lines of Horizontal Illumination

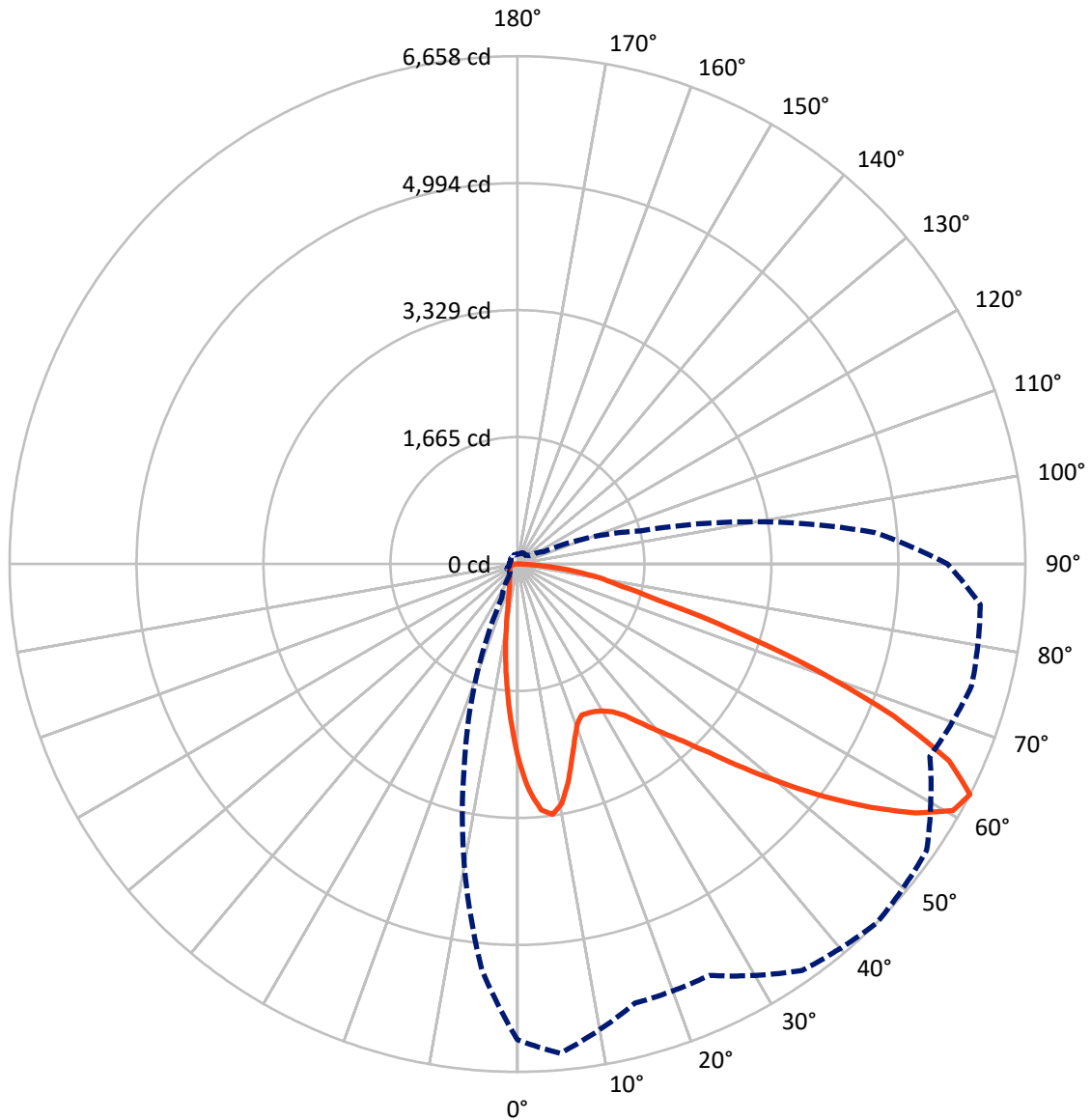
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 30.5 fc
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P269891
CATALOG NUMBER: GAW-AF-02-LED-U-SLL-7027-800

Luminous Intensity Polar Plot



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

REPORT NUMBER: P269891

CATALOG NUMBER: GAW-AF-02-LED-U-SLL-7027-800

FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1268.2 | 0.0 | 1268.2 |
| | % Fixture | 16.5 | 0.0 | 16.5 |
| Street Side | Lumens | 6395.2 | 0.0 | 6395.2 |
| | % Fixture | 83.5 | 0.0 | 83.5 |
| Total | Lumens | 7663.4 | 0.0 | 7663.4 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 188.5 | 2.5 |
| 10°-20° | 345.6 | 4.5 |
| 20°-30° | 503.9 | 6.6 |
| 30°-40° | 776.1 | 10.1 |
| 40°-50° | 1142.2 | 14.9 |
| 50°-60° | 1675.4 | 21.9 |
| 60°-70° | 1872.8 | 24.4 |
| 70°-80° | 916.9 | 12.0 |
| 80°-90° | 242.1 | 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° | 7663.4 | 100.0 |
| 0°-180° | 7663.4 | 100.0 |

Coefficient of Utilization



REPORT NUMBER: P269891

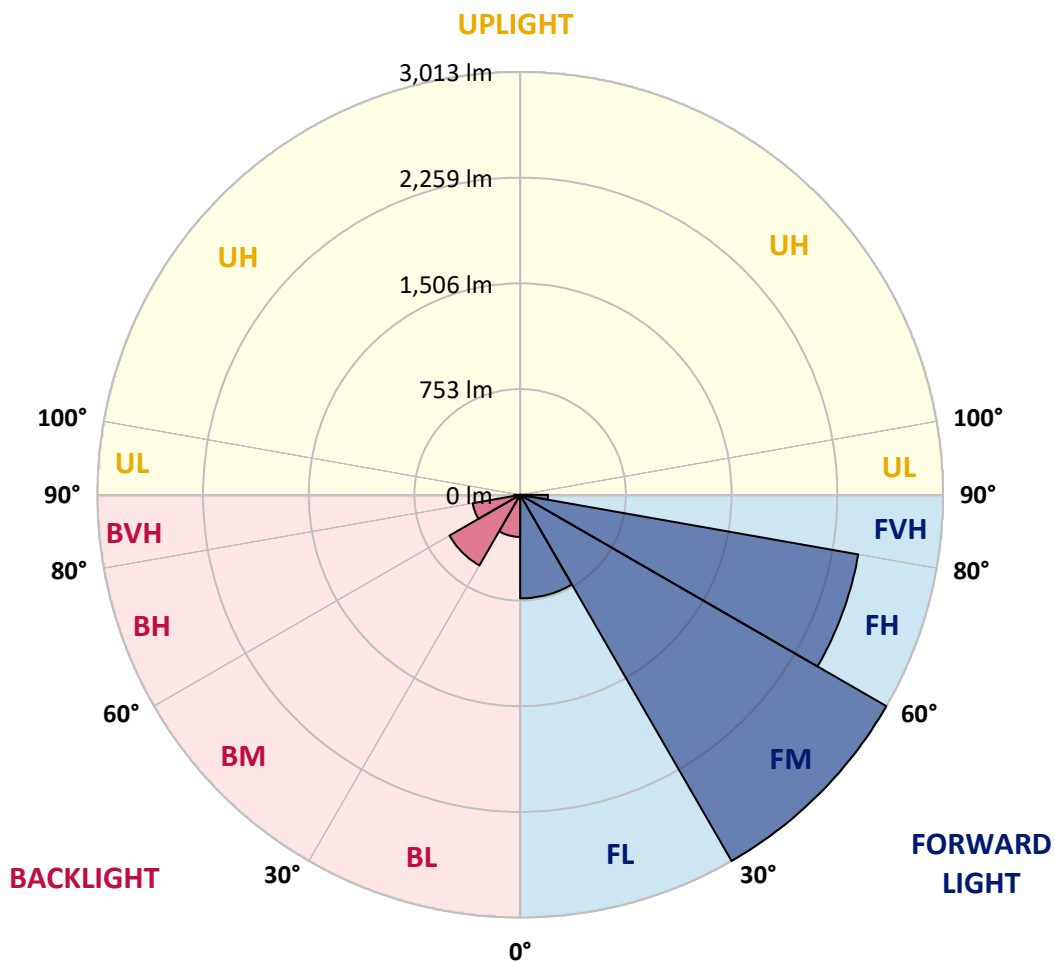
CATALOG NUMBER: GAW-AF-02-LED-U-SLL-7027-800

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 738.0 | 9.6 | | | |
| FM | (30°-60°) | 3012.6 | 39.3 | | | |
| FH | (60°-80°) | 2445.9 | 31.9 | | | G2/5000 |
| FVH | (80°-90°) | 198.8 | 2.6 | | | G2/225 |
| BL | (0°-30°) | 300.0 | 3.9 | B1/500 | | |
| BM | (30°-60°) | 581.1 | 7.6 | B1/1000 | | |
| BH | (60°-80°) | 343.8 | 4.5 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 43.3 | 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: P269891
 CATALOG NUMBER: GAW-AF-02-LED-U-SLL-7027-800

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2589.2 | 2589.2 | 2589.2 | 2589.2 | 2589.2 | 2589.2 | 2589.2 | 2589.2 | 2589.2 | 2589.2 | 2589.2 |
| 2.5° | 2690.2 | 2733.3 | 2817.1 | 2879.7 | 2956.1 | 2973.7 | 2998.2 | 2974.2 | 2931.6 | 2875.1 | 2856.6 |
| 5° | 2529.6 | 2621.6 | 2825.0 | 3004.0 | 3163.3 | 3237.4 | 3258.2 | 3197.0 | 3073.6 | 2911.3 | 2812.4 |
| 7.5° | 2272.4 | 2402.8 | 2678.4 | 2942.0 | 3176.8 | 3315.4 | 3312.1 | 3170.1 | 2942.9 | 2678.8 | 2520.0 |
| 10° | 2050.3 | 2199.4 | 2515.4 | 2810.3 | 3059.3 | 3193.7 | 3141.8 | 2960.3 | 2689.3 | 2385.2 | 2213.0 |
| 12.5° | 1926.1 | 2072.2 | 2392.7 | 2688.9 | 2897.0 | 2943.3 | 2903.9 | 2726.0 | 2470.8 | 2163.2 | 2012.5 |
| 15° | 1904.5 | 2065.1 | 2343.9 | 2585.0 | 2701.7 | 2661.1 | 2614.0 | 2534.4 | 2354.1 | 2091.7 | 1934.5 |
| 17.5° | 1997.7 | 2174.5 | 2399.9 | 2512.4 | 2492.6 | 2422.3 | 2408.8 | 2417.7 | 2374.3 | 2171.3 | 1990.0 |
| 20° | 2176.2 | 2388.7 | 2533.5 | 2478.3 | 2333.8 | 2236.9 | 2240.4 | 2375.6 | 2504.0 | 2373.1 | 2166.2 |
| 22.5° | 2427.0 | 2669.1 | 2726.0 | 2496.4 | 2266.9 | 2151.8 | 2179.6 | 2398.7 | 2710.8 | 2667.8 | 2403.8 |
| 25° | 2751.2 | 2972.0 | 2931.2 | 2562.1 | 2273.6 | 2162.4 | 2184.7 | 2478.8 | 2955.2 | 2962.8 | 2697.8 |
| 27.5° | 3065.6 | 3270.3 | 3103.5 | 2649.3 | 2301.4 | 2187.3 | 2216.7 | 2604.6 | 3188.5 | 3282.9 | 3033.9 |
| 30° | 3310.8 | 3453.2 | 3171.7 | 2729.1 | 2356.2 | 2235.7 | 2272.4 | 2724.3 | 3294.8 | 3499.1 | 3292.6 |
| 32.5° | 3513.8 | 3616.1 | 3280.4 | 2827.5 | 2456.9 | 2311.9 | 2376.3 | 2869.6 | 3447.7 | 3704.6 | 3545.8 |
| 35° | 3773.3 | 3802.3 | 3415.6 | 2937.5 | 2612.4 | 2444.6 | 2524.6 | 3012.0 | 3593.4 | 3912.3 | 3795.2 |
| 37.5° | 4077.4 | 4039.9 | 3543.3 | 3088.0 | 2813.2 | 2652.2 | 2718.5 | 3168.3 | 3713.5 | 4147.8 | 4050.1 |
| 40° | 4378.2 | 4288.1 | 3703.4 | 3321.3 | 3106.3 | 2897.0 | 2975.5 | 3335.1 | 3825.5 | 4383.6 | 4299.1 |
| 42.5° | 4633.9 | 4500.4 | 3861.4 | 3577.8 | 3379.5 | 3167.1 | 3260.6 | 3503.3 | 3932.5 | 4585.0 | 4515.2 |
| 45° | 4823.1 | 4657.2 | 4011.7 | 3824.3 | 3755.6 | 3525.9 | 3570.3 | 3695.7 | 4048.4 | 4753.1 | 4692.9 |
| 47.5° | 4992.1 | 4814.6 | 4181.9 | 4072.8 | 4084.7 | 3992.7 | 3921.6 | 3919.9 | 4184.8 | 4890.6 | 4861.0 |
| 50° | 5218.3 | 5033.4 | 4364.8 | 4328.9 | 4578.3 | 4517.2 | 4360.2 | 4181.5 | 4357.6 | 5046.4 | 5042.9 |
| 52.5° | 5530.0 | 5379.6 | 4588.1 | 4604.9 | 5039.2 | 5079.2 | 4884.7 | 4495.7 | 4628.1 | 5332.3 | 5312.1 |
| 55° | 5898.6 | 5811.0 | 4892.2 | 4922.2 | 5604.5 | 5633.2 | 5439.9 | 4888.8 | 5025.7 | 5746.5 | 5690.6 |
| 57.5° | 6186.3 | 6167.9 | 5225.8 | 5303.0 | 6026.6 | 6155.5 | 5977.9 | 5343.7 | 5473.9 | 6095.3 | 5954.7 |
| 60° | 6300.9 | 6390.6 | 5581.0 | 5687.1 | 6417.2 | 6560.1 | 6404.0 | 5743.6 | 5871.2 | 6239.8 | 5936.4 |
| 62.5° | 6239.0 | 6439.5 | 5959.3 | 5950.5 | 6504.4 | 6658.1 | 6548.6 | 5966.1 | 6165.6 | 6090.7 | 5636.1 |
| 65° | 5953.0 | 6263.8 | 6178.7 | 5882.6 | 6206.1 | 6218.7 | 6183.4 | 5866.7 | 6235.1 | 5619.3 | 5055.7 |
| 67.5° | 5329.9 | 5777.3 | 5889.7 | 5301.3 | 5401.5 | 5319.4 | 5259.9 | 5322.3 | 5872.8 | 4912.8 | 4249.0 |
| 70° | 4341.1 | 5014.3 | 5068.2 | 4240.1 | 4194.5 | 4139.4 | 4021.1 | 4363.4 | 5158.0 | 4026.5 | 3371.3 |
| 72.5° | 3191.9 | 3899.7 | 4065.2 | 3109.8 | 2899.2 | 2910.6 | 2817.1 | 3288.4 | 4193.6 | 2990.9 | 2517.1 |
| 75° | 2183.9 | 2823.7 | 3180.5 | 2169.9 | 1917.3 | 1921.8 | 1910.1 | 2330.1 | 3340.3 | 2080.7 | 1883.4 |
| 77.5° | 1595.3 | 2017.5 | 2398.7 | 1458.8 | 1416.3 | 1390.1 | 1383.8 | 1630.3 | 2560.9 | 1510.7 | 1462.6 |
| 80° | 1280.3 | 1490.5 | 1611.4 | 1011.0 | 1087.3 | 1085.2 | 1050.2 | 1120.9 | 1672.5 | 1104.9 | 1094.0 |
| 82.5° | 888.1 | 1145.3 | 1305.4 | 792.5 | 733.8 | 721.6 | 730.1 | 835.0 | 1182.1 | 755.4 | 718.3 |
| 85° | 468.5 | 760.9 | 1292.9 | 702.2 | 435.6 | 347.6 | 432.3 | 683.7 | 1024.1 | 400.3 | 350.5 |
| 87.5° | 59.7 | 219.9 | 856.1 | 280.1 | 171.8 | 92.6 | 205.2 | 385.1 | 657.6 | 81.7 | 71.1 |
| 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: P269891

CATALOG NUMBER: GAW-AF-02-LED-U-SLL-7027-800

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° | 185° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2589.2 | 2589.2 | 2589.2 | 2589.2 | 2589.2 | 2589.2 | 2589.2 | 2589.2 | 2589.2 | 2589.2 | 2589.2 |
| 2.5° | 2809.0 | 2752.9 | 2679.6 | 2611.8 | 2541.6 | 2471.5 | 2380.1 | 2322.8 | 2283.3 | 2275.6 | 2258.9 |
| 5° | 2740.8 | 2554.6 | 2413.8 | 2292.1 | 2181.8 | 2025.9 | 1939.5 | 1867.8 | 1829.6 | 1825.7 | 1816.6 |
| 7.5° | 2426.1 | 2169.0 | 1979.1 | 1806.9 | 1650.5 | 1524.6 | 1385.5 | 1320.7 | 1294.2 | 1300.4 | 1306.8 |
| 10° | 2098.8 | 1811.4 | 1593.2 | 1417.2 | 1279.4 | 1173.2 | 1061.5 | 986.2 | 934.0 | 923.4 | 921.3 |
| 12.5° | 1859.5 | 1544.4 | 1332.5 | 1208.2 | 1101.6 | 1001.8 | 883.5 | 794.6 | 726.6 | 703.6 | 687.9 |
| 15° | 1758.3 | 1413.8 | 1191.8 | 1057.8 | 940.3 | 813.4 | 703.6 | 610.4 | 548.1 | 527.8 | 516.4 |
| 17.5° | 1779.8 | 1377.6 | 1094.9 | 923.4 | 773.0 | 640.8 | 502.2 | 422.6 | 385.1 | 375.3 | 375.3 |
| 20° | 1892.8 | 1370.9 | 1014.8 | 799.6 | 612.1 | 458.8 | 344.9 | 299.6 | 287.3 | 286.0 | 289.4 |
| 22.5° | 2051.2 | 1394.3 | 955.0 | 692.1 | 475.7 | 334.9 | 268.8 | 252.0 | 246.4 | 247.8 | 251.4 |
| 25° | 2287.1 | 1473.9 | 911.6 | 596.6 | 373.2 | 274.3 | 239.7 | 229.5 | 227.0 | 230.4 | 235.0 |
| 27.5° | 2566.7 | 1553.6 | 884.7 | 524.5 | 315.1 | 250.6 | 227.9 | 217.4 | 219.0 | 223.3 | 227.5 |
| 30° | 2812.4 | 1618.9 | 842.2 | 473.0 | 297.0 | 252.0 | 227.9 | 213.5 | 211.9 | 212.8 | 213.9 |
| 32.5° | 3032.7 | 1663.1 | 792.5 | 424.2 | 256.1 | 223.7 | 212.8 | 210.7 | 201.4 | 197.9 | 198.4 |
| 35° | 3222.7 | 1663.1 | 762.5 | 395.6 | 229.5 | 198.4 | 180.6 | 170.1 | 165.6 | 165.9 | 170.6 |
| 37.5° | 3406.0 | 1629.9 | 747.7 | 379.5 | 215.2 | 188.7 | 173.2 | 163.9 | 157.6 | 156.2 | 157.2 |
| 40° | 3567.7 | 1581.5 | 731.0 | 372.8 | 204.4 | 182.8 | 168.2 | 160.4 | 153.8 | 151.6 | 152.1 |
| 42.5° | 3697.5 | 1542.3 | 712.4 | 364.0 | 197.5 | 178.7 | 164.7 | 158.0 | 150.3 | 148.3 | 148.0 |
| 45° | 3837.7 | 1529.3 | 687.9 | 346.2 | 201.0 | 179.0 | 163.9 | 156.8 | 149.1 | 146.7 | 145.7 |
| 47.5° | 4022.7 | 1570.1 | 662.7 | 325.2 | 208.0 | 181.2 | 165.2 | 156.8 | 148.7 | 146.7 | 145.7 |
| 50° | 4255.6 | 1666.1 | 630.6 | 294.5 | 201.0 | 187.0 | 164.7 | 155.4 | 148.7 | 146.7 | 144.9 |
| 52.5° | 4554.8 | 1795.8 | 588.5 | 259.2 | 196.6 | 201.4 | 163.9 | 152.9 | 146.7 | 143.6 | 140.8 |
| 55° | 4918.3 | 1902.0 | 538.4 | 230.1 | 187.0 | 197.5 | 162.7 | 149.9 | 143.2 | 139.0 | 136.5 |
| 57.5° | 5184.6 | 1940.3 | 473.9 | 211.0 | 173.6 | 191.2 | 160.9 | 146.2 | 139.0 | 135.6 | 132.3 |
| 60° | 5131.8 | 1866.1 | 419.6 | 199.2 | 165.6 | 172.7 | 159.7 | 142.8 | 135.3 | 132.7 | 129.7 |
| 62.5° | 4710.3 | 1672.5 | 384.7 | 193.8 | 160.4 | 157.6 | 160.9 | 139.4 | 131.8 | 129.4 | 128.5 |
| 65° | 4077.9 | 1386.4 | 370.7 | 192.5 | 156.2 | 148.7 | 149.6 | 135.6 | 128.1 | 125.9 | 125.1 |
| 67.5° | 3363.9 | 1118.8 | 358.6 | 196.6 | 150.8 | 142.4 | 138.2 | 130.7 | 124.2 | 122.2 | 120.6 |
| 70° | 2652.8 | 930.6 | 353.0 | 194.3 | 144.1 | 136.1 | 131.4 | 125.1 | 119.7 | 117.6 | 116.3 |
| 72.5° | 2136.3 | 786.0 | 350.1 | 191.7 | 135.3 | 127.6 | 123.4 | 117.9 | 112.1 | 111.2 | 110.0 |
| 75° | 1807.7 | 618.0 | 320.5 | 183.7 | 125.1 | 117.6 | 114.5 | 109.6 | 103.7 | 103.7 | 102.8 |
| 77.5° | 1394.3 | 446.9 | 266.6 | 162.7 | 114.5 | 106.2 | 103.7 | 99.8 | 93.2 | 94.3 | 94.0 |
| 80° | 1029.9 | 291.5 | 208.5 | 134.7 | 101.5 | 93.6 | 92.3 | 88.5 | 81.2 | 83.1 | 83.1 |
| 82.5° | 705.6 | 191.2 | 149.9 | 110.4 | 86.7 | 79.2 | 79.2 | 75.4 | 67.5 | 68.2 | 70.7 |
| 85° | 354.3 | 131.4 | 112.1 | 85.5 | 67.5 | 63.6 | 63.6 | 60.6 | 52.7 | 53.1 | 56.5 |
| 87.5° | 107.8 | 79.2 | 74.1 | 61.1 | 48.5 | 47.6 | 45.5 | 43.4 | 38.4 | 37.9 | 40.1 |
| 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: P269891

CATALOG NUMBER: GAW-AF-02-LED-U-SLL-7027-800

CANDELA DISTRIBUTION (continued):

| | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° | 285° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2589.2 | 2589.2 | 2589.2 | 2589.2 | 2589.2 | 2589.2 | 2589.2 | 2589.2 | 2589.2 | 2589.2 | 2589.2 |
| 2.5° | 2233.1 | 2209.1 | 2180.0 | 2116.0 | 2094.6 | 2093.3 | 2112.6 | 2092.4 | 2131.1 | 2114.8 | 2132.8 |
| 5° | 1800.9 | 1777.3 | 1744.9 | 1663.1 | 1613.4 | 1579.8 | 1563.8 | 1516.6 | 1550.7 | 1525.9 | 1546.5 |
| 7.5° | 1324.6 | 1329.9 | 1308.4 | 1260.4 | 1152.2 | 1097.8 | 1065.7 | 1037.2 | 1062.1 | 1059.6 | 1099.0 |
| 10° | 931.1 | 945.7 | 930.6 | 882.1 | 794.6 | 764.5 | 770.4 | 781.9 | 814.4 | 831.1 | 892.2 |
| 12.5° | 670.2 | 669.3 | 659.7 | 616.2 | 558.6 | 562.0 | 586.0 | 605.7 | 635.7 | 653.3 | 715.7 |
| 15° | 500.4 | 492.9 | 488.7 | 453.3 | 420.4 | 427.7 | 439.5 | 441.4 | 460.4 | 471.0 | 521.6 |
| 17.5° | 378.2 | 382.0 | 386.7 | 361.5 | 336.5 | 332.0 | 322.8 | 311.4 | 316.8 | 318.9 | 344.2 |
| 20° | 300.4 | 315.6 | 327.0 | 309.1 | 284.0 | 270.5 | 258.6 | 251.0 | 251.0 | 250.6 | 257.9 |
| 22.5° | 262.5 | 273.4 | 285.7 | 273.4 | 250.6 | 238.9 | 232.1 | 226.3 | 225.4 | 225.4 | 232.1 |
| 25° | 241.9 | 249.8 | 261.5 | 253.2 | 236.3 | 227.5 | 221.2 | 213.5 | 210.7 | 209.8 | 214.4 |
| 27.5° | 231.8 | 235.0 | 240.9 | 233.4 | 219.0 | 214.9 | 213.2 | 206.4 | 202.7 | 200.5 | 205.2 |
| 30° | 214.4 | 213.5 | 213.9 | 206.4 | 195.0 | 194.7 | 197.5 | 198.9 | 197.5 | 197.2 | 204.4 |
| 32.5° | 198.4 | 196.6 | 196.3 | 189.5 | 179.0 | 176.4 | 179.0 | 181.5 | 184.5 | 188.7 | 197.2 |
| 35° | 178.3 | 182.4 | 185.0 | 179.0 | 166.4 | 158.8 | 155.9 | 151.3 | 148.7 | 148.7 | 158.5 |
| 37.5° | 162.1 | 171.8 | 175.7 | 170.1 | 156.2 | 145.7 | 140.8 | 139.9 | 140.2 | 141.9 | 151.3 |
| 40° | 156.8 | 163.9 | 167.3 | 161.8 | 148.0 | 138.2 | 135.3 | 134.3 | 135.3 | 137.8 | 147.1 |
| 42.5° | 153.3 | 158.5 | 158.0 | 151.3 | 139.9 | 133.0 | 131.4 | 130.7 | 131.4 | 133.9 | 144.1 |
| 45° | 150.3 | 153.8 | 150.3 | 142.4 | 131.8 | 128.5 | 128.8 | 128.5 | 129.4 | 131.8 | 141.6 |
| 47.5° | 148.0 | 149.1 | 144.9 | 136.9 | 125.9 | 125.1 | 126.8 | 128.1 | 128.8 | 131.1 | 141.2 |
| 50° | 144.1 | 144.1 | 140.2 | 131.8 | 120.9 | 121.4 | 123.4 | 126.4 | 126.8 | 129.4 | 137.4 |
| 52.5° | 139.4 | 139.0 | 136.5 | 128.5 | 116.7 | 117.9 | 117.9 | 121.4 | 122.2 | 125.1 | 133.6 |
| 55° | 135.6 | 134.7 | 133.6 | 125.9 | 112.8 | 115.1 | 113.7 | 115.1 | 117.0 | 120.1 | 129.4 |
| 57.5° | 132.3 | 130.7 | 130.7 | 123.8 | 110.0 | 110.9 | 107.8 | 109.6 | 112.1 | 114.5 | 124.2 |
| 60° | 128.8 | 127.2 | 128.1 | 120.9 | 105.3 | 104.5 | 103.2 | 106.5 | 107.4 | 110.4 | 120.1 |
| 62.5° | 125.1 | 123.8 | 124.2 | 117.6 | 102.0 | 99.8 | 99.8 | 102.8 | 103.2 | 107.4 | 116.7 |
| 65° | 122.2 | 120.6 | 120.1 | 114.2 | 98.2 | 95.6 | 96.8 | 98.2 | 99.1 | 103.2 | 112.1 |
| 67.5° | 119.3 | 115.8 | 115.8 | 111.2 | 94.0 | 91.4 | 94.0 | 93.6 | 94.9 | 98.5 | 105.7 |
| 70° | 115.4 | 110.9 | 111.2 | 109.1 | 89.7 | 86.7 | 88.9 | 88.5 | 89.3 | 91.8 | 99.1 |
| 72.5° | 109.6 | 105.7 | 106.5 | 105.7 | 85.5 | 81.2 | 82.1 | 82.1 | 82.1 | 84.3 | 91.8 |
| 75° | 102.0 | 99.1 | 101.5 | 103.7 | 80.5 | 74.6 | 75.4 | 75.4 | 74.1 | 75.4 | 84.7 |
| 77.5° | 92.6 | 91.0 | 99.4 | 96.5 | 74.6 | 67.5 | 67.5 | 66.6 | 64.0 | 65.8 | 75.8 |
| 80° | 82.6 | 81.2 | 91.8 | 80.8 | 67.8 | 58.6 | 57.8 | 55.7 | 53.1 | 54.3 | 64.5 |
| 82.5° | 72.0 | 70.7 | 77.1 | 62.0 | 58.6 | 48.5 | 46.4 | 42.6 | 40.1 | 41.3 | 50.6 |
| 85° | 59.0 | 59.0 | 59.4 | 46.7 | 44.6 | 37.1 | 34.6 | 29.5 | 26.5 | 27.4 | 36.2 |
| 87.5° | 42.1 | 43.4 | 40.1 | 32.0 | 26.5 | 20.7 | 19.0 | 16.0 | 13.5 | 15.6 | 19.0 |
| 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: P269891

CATALOG NUMBER: GAW-AF-02-LED-U-SLL-7027-800

CANDELA DISTRIBUTION (continued):

| | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2589.2 | 2589.2 | 2589.2 | 2589.2 | 2589.2 | 2589.2 | 2589.2 | 2589.2 |
| 2.5° | 2225.6 | 2272.0 | 2324.5 | 2391.9 | 2449.7 | 2544.4 | 2635.4 | 2690.2 |
| 5° | 1664.0 | 1741.2 | 1837.2 | 1960.6 | 2075.5 | 2248.3 | 2419.8 | 2529.6 |
| 7.5° | 1191.0 | 1273.4 | 1377.1 | 1531.3 | 1693.9 | 1914.3 | 2140.9 | 2272.4 |
| 10° | 985.4 | 1070.1 | 1157.2 | 1261.3 | 1394.3 | 1634.0 | 1902.0 | 2050.3 |
| 12.5° | 815.1 | 905.8 | 999.6 | 1109.1 | 1232.7 | 1446.6 | 1755.4 | 1926.1 |
| 15° | 624.0 | 725.0 | 835.9 | 974.4 | 1129.0 | 1376.3 | 1719.1 | 1904.5 |
| 17.5° | 427.7 | 540.5 | 676.6 | 847.6 | 1036.7 | 1353.6 | 1784.0 | 1997.7 |
| 20° | 294.5 | 376.6 | 521.9 | 722.4 | 950.0 | 1350.6 | 1908.8 | 2176.2 |
| 22.5° | 246.4 | 283.1 | 389.2 | 607.4 | 884.7 | 1386.9 | 2102.2 | 2427.0 |
| 25° | 227.9 | 249.8 | 311.0 | 507.6 | 837.1 | 1470.3 | 2368.4 | 2751.2 |
| 27.5° | 216.9 | 236.8 | 282.2 | 442.3 | 799.6 | 1567.2 | 2627.5 | 3065.6 |
| 30° | 221.2 | 241.4 | 274.3 | 409.1 | 748.6 | 1648.0 | 2857.5 | 3310.8 |
| 32.5° | 199.2 | 208.0 | 235.0 | 379.5 | 711.9 | 1715.9 | 3058.8 | 3513.8 |
| 35° | 169.8 | 185.4 | 209.8 | 365.7 | 712.7 | 1761.3 | 3278.4 | 3773.3 |
| 37.5° | 161.8 | 177.3 | 195.0 | 360.6 | 722.4 | 1809.7 | 3530.2 | 4077.4 |
| 40° | 156.8 | 171.0 | 186.2 | 357.6 | 731.7 | 1854.0 | 3777.2 | 4378.2 |
| 42.5° | 153.3 | 166.4 | 185.4 | 347.6 | 736.4 | 1893.5 | 3980.1 | 4633.9 |
| 45° | 152.9 | 166.4 | 188.7 | 337.5 | 743.5 | 1936.1 | 4150.3 | 4823.1 |
| 47.5° | 153.3 | 171.8 | 182.4 | 325.2 | 743.5 | 2007.4 | 4350.0 | 4992.1 |
| 50° | 151.6 | 181.2 | 175.7 | 307.9 | 726.3 | 2142.2 | 4623.8 | 5218.3 |
| 52.5° | 150.8 | 179.9 | 162.7 | 281.3 | 696.4 | 2356.2 | 4974.8 | 5530.0 |
| 55° | 148.7 | 173.6 | 153.3 | 241.9 | 661.4 | 2589.5 | 5350.6 | 5898.6 |
| 57.5° | 146.7 | 153.8 | 148.3 | 207.2 | 607.4 | 2753.8 | 5609.1 | 6186.3 |
| 60° | 164.3 | 134.3 | 144.1 | 190.4 | 535.4 | 2798.8 | 5599.0 | 6300.9 |
| 62.5° | 152.1 | 125.9 | 138.6 | 186.6 | 484.8 | 2672.5 | 5340.5 | 6239.0 |
| 65° | 119.3 | 120.6 | 133.0 | 197.5 | 471.4 | 2337.6 | 4882.1 | 5953.0 |
| 67.5° | 109.1 | 115.1 | 127.6 | 211.6 | 472.7 | 1871.7 | 4197.2 | 5329.9 |
| 70° | 102.8 | 109.1 | 121.4 | 218.6 | 476.0 | 1395.2 | 3318.2 | 4341.1 |
| 72.5° | 95.6 | 101.1 | 114.2 | 219.9 | 454.2 | 1013.6 | 2557.6 | 3191.9 |
| 75° | 87.1 | 92.3 | 104.1 | 191.7 | 376.2 | 703.2 | 1956.4 | 2183.9 |
| 77.5° | 77.6 | 81.2 | 91.4 | 148.0 | 279.4 | 450.0 | 1468.5 | 1595.3 |
| 80° | 66.1 | 68.2 | 76.6 | 108.2 | 191.2 | 281.3 | 1161.9 | 1280.3 |
| 82.5° | 53.1 | 53.9 | 59.4 | 81.2 | 124.2 | 180.6 | 778.1 | 888.1 |
| 85° | 37.5 | 37.5 | 40.9 | 59.0 | 84.7 | 114.5 | 422.6 | 468.5 |
| 87.5° | 17.6 | 18.1 | 18.1 | 32.3 | 44.2 | 58.1 | 97.2 | 59.7 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)