

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: P200640

Luminaire Tested: **GAW-AF-02-LED-E1-SLL-8030**

Issue Date: 3/3/2020

### Test Information

Test Method: LM-79-08  
Report Number: P200640  
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-E1-SLL-8030  
Description: GALLEON WALL LUMINAIRE  
(2) 80 CRI, 3000K, 1050mA 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: 8908 lumens  
Efficiency: N/A  
Efficacy: 78.8 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 - G3

Input Watts (W): 113  
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

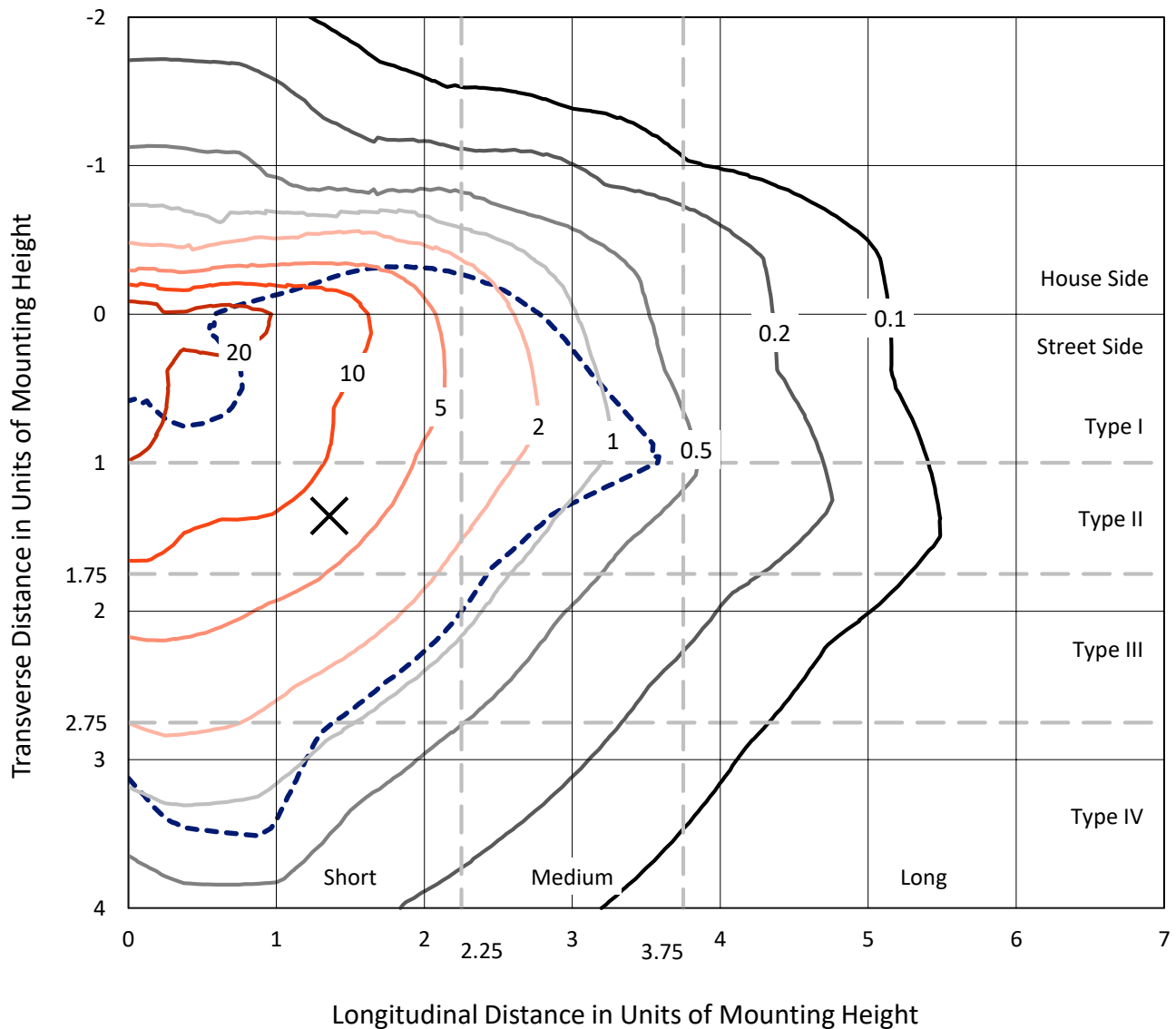


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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 --- 1/2 Max cd

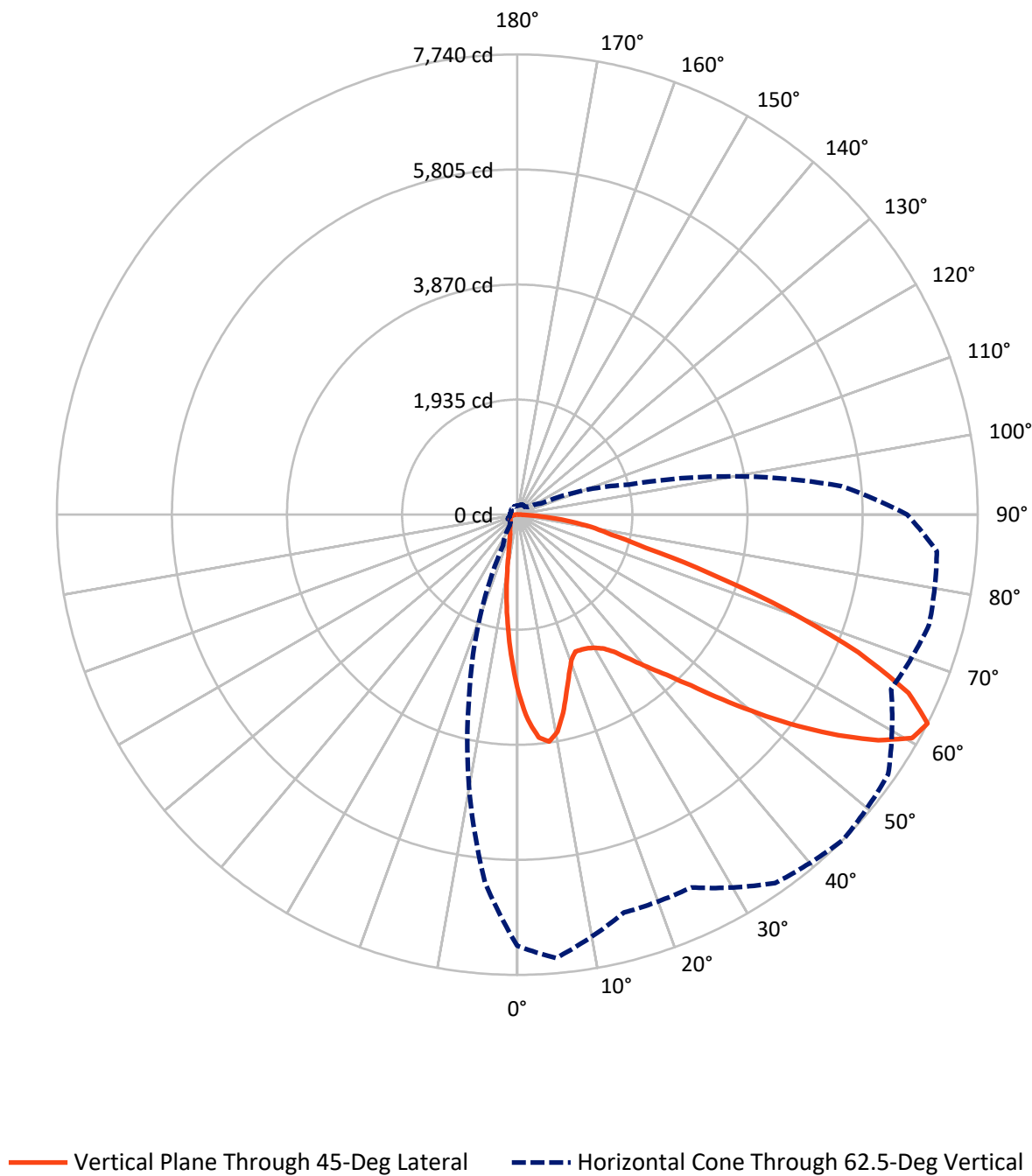


Based on 10 foot mounting height. Maximum calculated value = 35.4 fc  
 Type IV - Short - Non-Cutoff

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## Luminous Intensity Polar Plot



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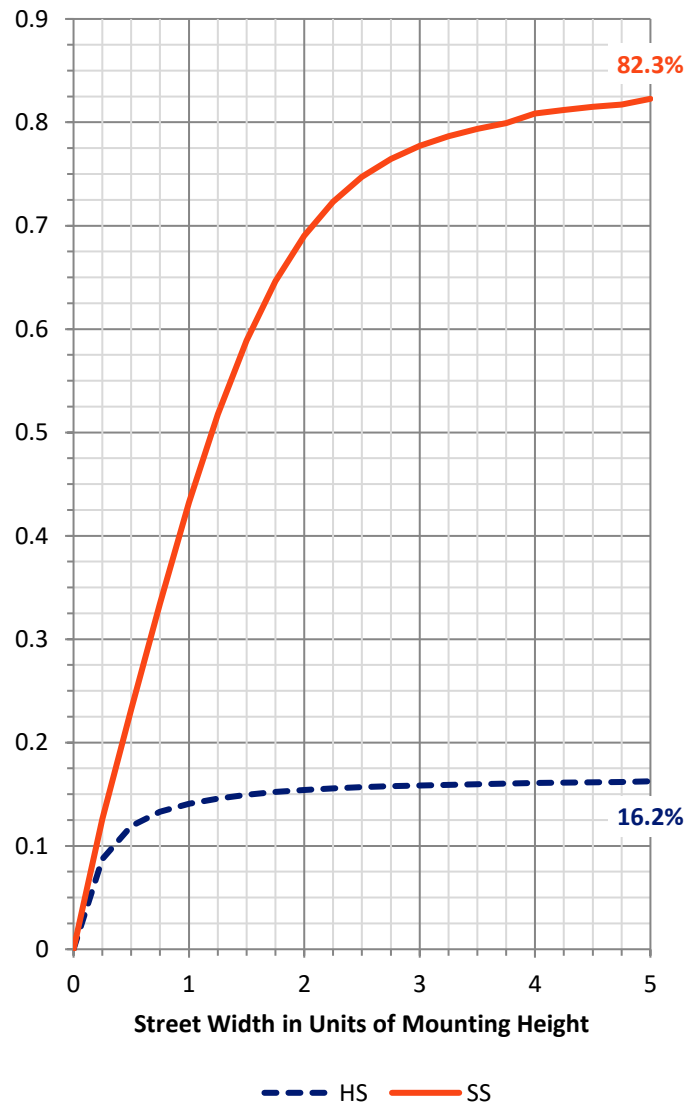
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1474.2   | 0.0    | 1474.2 |
|                    | % Fixture | 16.5     | 0.0    | 16.5   |
| <b>Street Side</b> | Lumens    | 7433.8   | 0.0    | 7433.8 |
|                    | % Fixture | 83.5     | 0.0    | 83.5   |
| <b>Total</b>       | Lumens    | 8908.0   | 0.0    | 8908.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 219.1  | 2.5       |
| 10°-20°   | 401.7  | 4.5       |
| 20°-30°   | 585.7  | 6.6       |
| 30°-40°   | 902.1  | 10.1      |
| 40°-50°   | 1327.7 | 14.9      |
| 50°-60°   | 1947.4 | 21.9      |
| 60°-70°   | 2177.0 | 24.4      |
| 70°-80°   | 1065.8 | 12.0      |
| 80°-90°   | 281.4  | 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°    | 8908.0 | 100.0     |
| 0°-180°   | 8908.0 | 100.0     |

**Coefficient of Utilization**



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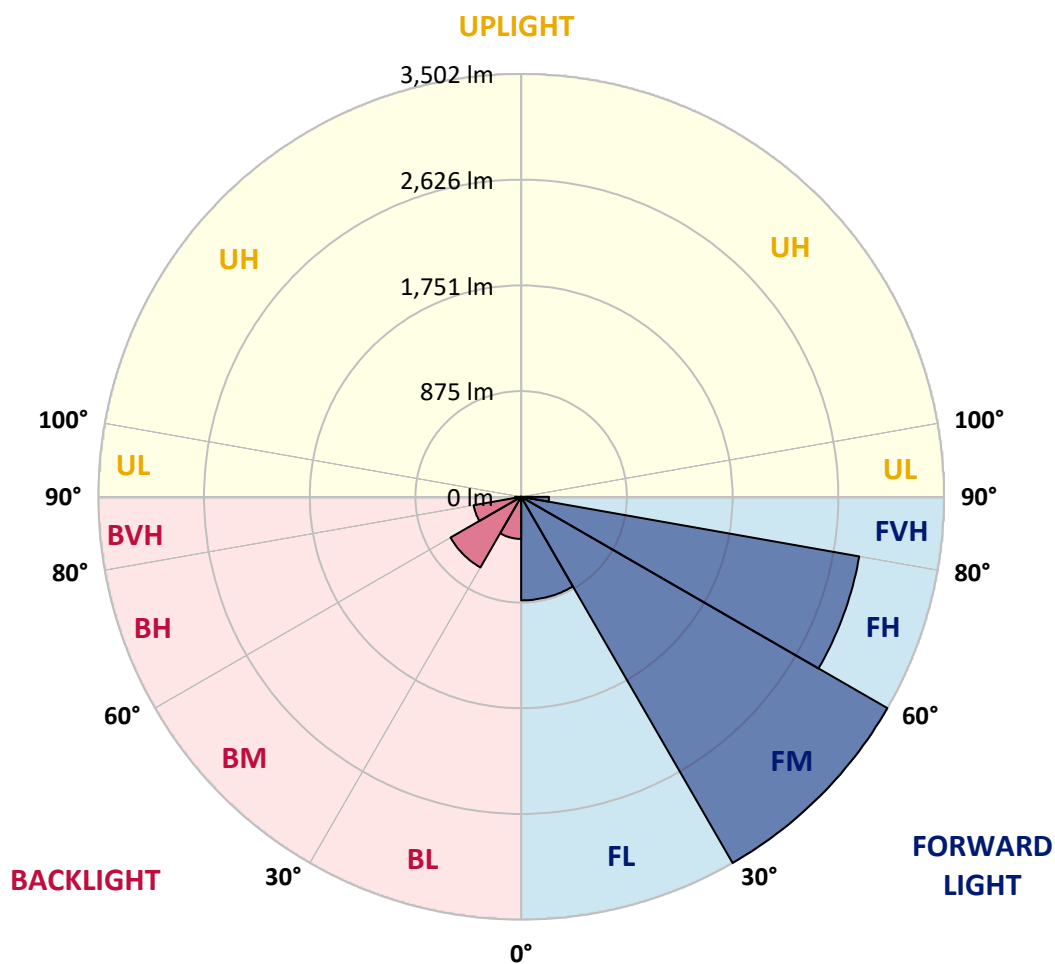
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 857.8  | 9.6       |                         |      |         |
| FM   | (30°-60°)   | 3501.8 | 39.3      |                         |      |         |
| FH   | (60°-80°)   | 2843.1 | 31.9      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 231.1  | 2.6       |                         |      | G3/500  |
| BL   | (0°-30°)    | 348.8  | 3.9       | B1/500                  |      |         |
| BM   | (30°-60°)   | 675.4  | 7.6       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 399.6  | 4.5       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 50.3   | 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-G3**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    | 90°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3009.6 | 3009.6 | 3009.6 | 3009.6 | 3009.6 | 3009.6 | 3009.6 | 3009.6 | 3009.6 | 3009.6 | 3009.6 |
| 2.5°  | 3127.1 | 3177.1 | 3274.5 | 3347.5 | 3436.1 | 3456.7 | 3485.1 | 3457.2 | 3407.7 | 3342.1 | 3320.6 |
| 5°    | 2940.6 | 3047.3 | 3283.8 | 3491.9 | 3677.0 | 3763.2 | 3787.2 | 3716.2 | 3572.7 | 3384.2 | 3269.1 |
| 7.5°  | 2641.4 | 2793.2 | 3113.4 | 3420.0 | 3692.7 | 3853.8 | 3849.9 | 3684.9 | 3420.9 | 3113.9 | 2929.3 |
| 10°   | 2383.3 | 2556.6 | 2923.9 | 3266.7 | 3556.1 | 3712.3 | 3652.1 | 3441.0 | 3126.1 | 2772.6 | 2572.3 |
| 12.5° | 2238.8 | 2408.8 | 2781.4 | 3125.7 | 3367.6 | 3421.4 | 3375.4 | 3168.7 | 2872.0 | 2514.5 | 2339.2 |
| 15°   | 2213.9 | 2400.4 | 2724.6 | 3004.7 | 3140.3 | 3093.3 | 3038.5 | 2945.9 | 2736.4 | 2431.3 | 2248.6 |
| 17.5° | 2322.1 | 2527.8 | 2789.7 | 2920.5 | 2897.5 | 2815.7 | 2800.0 | 2810.3 | 2759.9 | 2523.8 | 2313.3 |
| 20°   | 2529.7 | 2776.5 | 2945.0 | 2880.8 | 2712.9 | 2600.2 | 2604.1 | 2761.3 | 2910.7 | 2758.4 | 2518.0 |
| 22.5° | 2821.1 | 3102.6 | 3168.7 | 2901.9 | 2635.0 | 2501.3 | 2533.6 | 2788.3 | 3151.1 | 3101.2 | 2794.1 |
| 25°   | 3198.1 | 3454.7 | 3407.2 | 2978.3 | 2642.8 | 2513.6 | 2539.5 | 2881.3 | 3435.1 | 3444.0 | 3135.9 |
| 27.5° | 3563.4 | 3801.4 | 3607.5 | 3079.6 | 2675.1 | 2542.4 | 2576.7 | 3027.7 | 3706.4 | 3816.1 | 3526.7 |
| 30°   | 3848.4 | 4013.9 | 3686.8 | 3172.2 | 2738.8 | 2598.8 | 2641.4 | 3166.8 | 3829.8 | 4067.3 | 3827.4 |
| 32.5° | 4084.5 | 4203.5 | 3813.2 | 3286.8 | 2855.8 | 2687.4 | 2762.3 | 3335.7 | 4007.6 | 4306.3 | 4121.7 |
| 35°   | 4386.1 | 4419.9 | 3970.4 | 3414.6 | 3036.5 | 2841.6 | 2934.7 | 3501.2 | 4177.0 | 4547.7 | 4411.6 |
| 37.5° | 4739.7 | 4696.1 | 4118.7 | 3589.4 | 3270.1 | 3083.1 | 3159.9 | 3682.9 | 4316.6 | 4821.4 | 4707.8 |
| 40°   | 5089.3 | 4984.5 | 4304.8 | 3860.7 | 3610.9 | 3367.6 | 3458.6 | 3876.8 | 4446.8 | 5095.7 | 4997.2 |
| 42.5° | 5386.5 | 5231.3 | 4488.5 | 4158.9 | 3928.3 | 3681.4 | 3790.2 | 4072.2 | 4571.2 | 5329.7 | 5248.4 |
| 45°   | 5606.4 | 5413.5 | 4663.3 | 4445.4 | 4365.5 | 4098.7 | 4150.1 | 4296.0 | 4705.9 | 5525.1 | 5455.1 |
| 47.5° | 5802.8 | 5596.6 | 4861.1 | 4734.3 | 4748.0 | 4641.2 | 4558.5 | 4556.5 | 4864.5 | 5684.7 | 5650.5 |
| 50°   | 6065.7 | 5850.8 | 5073.6 | 5032.0 | 5321.9 | 5250.9 | 5068.2 | 4860.6 | 5065.3 | 5865.9 | 5862.0 |
| 52.5° | 6428.1 | 6253.3 | 5333.2 | 5352.7 | 5857.6 | 5904.1 | 5677.9 | 5225.9 | 5379.7 | 6198.4 | 6174.9 |
| 55°   | 6856.6 | 6754.7 | 5686.7 | 5721.5 | 6514.8 | 6548.1 | 6323.3 | 5682.8 | 5841.9 | 6679.8 | 6614.7 |
| 57.5° | 7191.0 | 7169.5 | 6074.5 | 6164.2 | 7005.4 | 7155.3 | 6948.6 | 6211.7 | 6363.0 | 7085.2 | 6921.7 |
| 60°   | 7324.2 | 7428.5 | 6487.3 | 6610.7 | 7459.4 | 7625.4 | 7444.2 | 6676.4 | 6824.7 | 7253.2 | 6900.6 |
| 62.5° | 7252.2 | 7485.3 | 6927.1 | 6916.8 | 7560.7 | 7739.5 | 7612.1 | 6934.9 | 7167.0 | 7079.9 | 6551.5 |
| 65°   | 6919.7 | 7281.1 | 7182.2 | 6838.0 | 7214.0 | 7228.7 | 7187.6 | 6819.3 | 7247.8 | 6531.9 | 5876.7 |
| 67.5° | 6195.5 | 6715.5 | 6846.3 | 6162.2 | 6278.7 | 6183.2 | 6114.2 | 6186.7 | 6826.7 | 5710.7 | 4939.0 |
| 70°   | 5046.2 | 5828.7 | 5891.4 | 4928.7 | 4875.8 | 4811.6 | 4674.0 | 5072.2 | 5995.7 | 4680.4 | 3918.9 |
| 72.5° | 3710.3 | 4533.0 | 4725.5 | 3614.9 | 3370.0 | 3383.2 | 3274.5 | 3822.5 | 4874.8 | 3476.8 | 2925.9 |
| 75°   | 2538.5 | 3282.4 | 3697.1 | 2522.4 | 2228.6 | 2233.9 | 2220.2 | 2708.4 | 3882.7 | 2418.6 | 2189.4 |
| 77.5° | 1854.4 | 2345.1 | 2788.3 | 1695.8 | 1646.3 | 1616.0 | 1608.6 | 1895.1 | 2976.8 | 1756.0 | 1700.2 |
| 80°   | 1488.2 | 1732.5 | 1873.0 | 1175.2 | 1263.9 | 1261.4 | 1220.8 | 1303.1 | 1944.0 | 1284.4 | 1271.7 |
| 82.5° | 1032.3 | 1331.5 | 1517.5 | 921.1  | 853.0  | 838.8  | 848.6  | 970.6  | 1374.1 | 878.0  | 834.9  |
| 85°   | 544.5  | 884.4  | 1502.8 | 816.3  | 506.3  | 404.0  | 502.4  | 794.8  | 1190.4 | 465.2  | 407.4  |
| 87.5° | 69.5   | 255.6  | 995.0  | 325.6  | 199.8  | 107.7  | 238.5  | 447.6  | 764.4  | 95.0   | 82.8   |
| 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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**CANDELA DISTRIBUTION (continued):**

|       | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   | 185°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3009.6 | 3009.6 | 3009.6 | 3009.6 | 3009.6 | 3009.6 | 3009.6 | 3009.6 | 3009.6 | 3009.6 | 3009.6 |
| 2.5°  | 3265.2 | 3200.1 | 3114.9 | 3036.0 | 2954.3 | 2873.0 | 2766.7 | 2700.1 | 2654.1 | 2645.3 | 2625.7 |
| 5°    | 3185.9 | 2969.4 | 2805.9 | 2664.4 | 2536.1 | 2354.9 | 2254.5 | 2171.3 | 2126.7 | 2122.3 | 2111.5 |
| 7.5°  | 2820.1 | 2521.4 | 2300.5 | 2100.3 | 1918.6 | 1772.2 | 1610.6 | 1535.2 | 1504.3 | 1511.7 | 1519.0 |
| 10°   | 2439.6 | 2105.6 | 1852.0 | 1647.3 | 1487.2 | 1363.8 | 1234.0 | 1146.4 | 1085.6 | 1073.4 | 1070.9 |
| 12.5° | 2161.5 | 1795.2 | 1548.9 | 1404.4 | 1280.5 | 1164.5 | 1026.9 | 923.5  | 844.7  | 817.8  | 799.7  |
| 15°   | 2043.9 | 1643.4 | 1385.3 | 1229.6 | 1093.0 | 945.6  | 817.8  | 709.6  | 637.1  | 613.6  | 600.4  |
| 17.5° | 2068.9 | 1601.3 | 1272.7 | 1073.4 | 898.6  | 744.8  | 583.7  | 491.2  | 447.6  | 436.3  | 436.3  |
| 20°   | 2200.2 | 1593.4 | 1179.7 | 929.4  | 711.5  | 533.3  | 401.1  | 348.2  | 334.0  | 332.5  | 336.4  |
| 22.5° | 2384.3 | 1620.9 | 1110.1 | 804.6  | 552.9  | 389.3  | 312.4  | 292.8  | 286.5  | 287.9  | 292.3  |
| 25°   | 2658.5 | 1713.4 | 1059.7 | 693.4  | 433.9  | 318.8  | 278.6  | 266.9  | 263.9  | 267.9  | 273.2  |
| 27.5° | 2983.6 | 1806.0 | 1028.3 | 609.7  | 366.3  | 291.4  | 264.9  | 252.7  | 254.6  | 259.5  | 264.4  |
| 30°   | 3269.1 | 1881.9 | 978.9  | 549.9  | 345.2  | 292.8  | 264.9  | 248.3  | 246.3  | 247.3  | 248.8  |
| 32.5° | 3525.2 | 1933.3 | 921.1  | 493.1  | 297.7  | 260.0  | 247.3  | 244.8  | 234.1  | 230.2  | 230.6  |
| 35°   | 3746.1 | 1933.3 | 886.3  | 459.8  | 266.9  | 230.6  | 210.1  | 197.8  | 192.4  | 192.9  | 198.3  |
| 37.5° | 3959.1 | 1894.6 | 869.2  | 441.2  | 250.2  | 219.4  | 201.3  | 190.5  | 183.1  | 181.7  | 182.7  |
| 40°   | 4147.1 | 1838.3 | 849.6  | 433.4  | 237.5  | 212.5  | 195.4  | 186.6  | 178.7  | 176.3  | 176.8  |
| 42.5° | 4298.0 | 1792.7 | 828.1  | 423.1  | 229.7  | 207.6  | 191.5  | 183.6  | 174.8  | 172.4  | 171.9  |
| 45°   | 4461.0 | 1777.6 | 799.7  | 402.5  | 233.6  | 208.1  | 190.5  | 182.2  | 173.3  | 170.4  | 169.4  |
| 47.5° | 4676.0 | 1825.1 | 770.3  | 378.0  | 241.9  | 210.6  | 192.0  | 182.2  | 172.9  | 170.4  | 169.4  |
| 50°   | 4946.8 | 1936.7 | 733.1  | 342.3  | 233.6  | 217.4  | 191.5  | 180.7  | 172.9  | 170.4  | 168.5  |
| 52.5° | 5294.5 | 2087.5 | 684.1  | 301.2  | 228.7  | 234.1  | 190.5  | 177.8  | 170.4  | 167.0  | 163.6  |
| 55°   | 5717.1 | 2210.9 | 625.8  | 267.4  | 217.4  | 229.7  | 189.0  | 174.3  | 166.5  | 161.6  | 158.7  |
| 57.5° | 6026.5 | 2255.5 | 550.9  | 245.3  | 201.8  | 222.3  | 187.1  | 169.9  | 161.6  | 157.7  | 153.8  |
| 60°   | 5965.3 | 2169.3 | 487.7  | 231.6  | 192.4  | 200.8  | 185.6  | 166.0  | 157.2  | 154.3  | 150.8  |
| 62.5° | 5475.2 | 1944.0 | 447.1  | 225.3  | 186.6  | 183.1  | 187.1  | 162.1  | 153.3  | 150.3  | 149.4  |
| 65°   | 4740.1 | 1611.6 | 430.9  | 223.8  | 181.7  | 172.9  | 173.8  | 157.7  | 148.9  | 146.4  | 145.4  |
| 67.5° | 3910.1 | 1300.6 | 416.7  | 228.7  | 175.3  | 165.5  | 160.6  | 151.8  | 144.5  | 142.0  | 140.0  |
| 70°   | 3083.5 | 1081.7 | 410.4  | 225.7  | 167.5  | 158.2  | 152.8  | 145.4  | 139.1  | 136.6  | 135.2  |
| 72.5° | 2483.2 | 913.8  | 406.9  | 222.8  | 157.2  | 148.4  | 143.5  | 137.1  | 130.3  | 129.3  | 127.8  |
| 75°   | 2101.2 | 718.4  | 372.7  | 213.5  | 145.4  | 136.6  | 133.2  | 127.3  | 120.5  | 120.5  | 119.5  |
| 77.5° | 1620.9 | 519.6  | 310.0  | 189.0  | 133.2  | 123.4  | 120.5  | 116.1  | 108.2  | 109.7  | 109.2  |
| 80°   | 1197.3 | 338.9  | 242.4  | 156.7  | 118.0  | 108.7  | 107.2  | 102.8  | 94.5   | 96.5   | 96.5   |
| 82.5° | 820.2  | 222.3  | 174.3  | 128.3  | 100.9  | 92.1   | 92.1   | 87.7   | 78.3   | 79.3   | 82.3   |
| 85°   | 411.8  | 152.8  | 130.3  | 99.4   | 78.3   | 73.9   | 73.9   | 70.5   | 61.2   | 61.7   | 65.6   |
| 87.5° | 125.4  | 92.1   | 86.2   | 71.0   | 56.3   | 55.3   | 52.9   | 50.4   | 44.6   | 44.1   | 46.5   |
| 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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**CANDELA DISTRIBUTION (continued):**

|       | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   | 285°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3009.6 | 3009.6 | 3009.6 | 3009.6 | 3009.6 | 3009.6 | 3009.6 | 3009.6 | 3009.6 | 3009.6 | 3009.6 |
| 2.5°  | 2595.8 | 2567.9 | 2534.1 | 2459.7 | 2434.7 | 2433.2 | 2455.8 | 2432.3 | 2477.3 | 2458.2 | 2479.3 |
| 5°    | 2093.4 | 2066.0 | 2028.3 | 1933.3 | 1875.5 | 1836.3 | 1817.7 | 1762.9 | 1802.5 | 1773.6 | 1797.6 |
| 7.5°  | 1539.6 | 1545.9 | 1521.0 | 1465.1 | 1339.3 | 1276.1 | 1238.9 | 1205.6 | 1234.5 | 1231.6 | 1277.6 |
| 10°   | 1082.2 | 1099.3 | 1081.7 | 1025.4 | 923.5  | 888.8  | 895.6  | 908.9  | 946.6  | 966.1  | 1037.2 |
| 12.5° | 779.1  | 778.1  | 766.8  | 716.4  | 649.3  | 653.2  | 681.2  | 704.2  | 738.9  | 759.5  | 832.0  |
| 15°   | 581.7  | 572.9  | 568.0  | 526.9  | 488.7  | 497.0  | 510.7  | 513.2  | 535.2  | 547.5  | 606.2  |
| 17.5° | 439.7  | 444.1  | 449.5  | 420.1  | 391.3  | 385.9  | 375.1  | 361.9  | 368.2  | 370.7  | 400.1  |
| 20°   | 349.1  | 366.8  | 380.0  | 359.4  | 330.0  | 314.4  | 300.7  | 291.9  | 291.9  | 291.4  | 299.7  |
| 22.5° | 305.1  | 317.8  | 332.0  | 317.8  | 291.4  | 277.7  | 269.8  | 263.0  | 262.0  | 262.0  | 269.8  |
| 25°   | 281.1  | 290.4  | 304.1  | 294.3  | 274.7  | 264.4  | 257.1  | 248.3  | 244.8  | 243.9  | 249.2  |
| 27.5° | 269.3  | 273.2  | 280.1  | 271.3  | 254.6  | 249.7  | 247.8  | 239.9  | 235.5  | 233.1  | 238.5  |
| 30°   | 249.2  | 248.3  | 248.8  | 239.9  | 226.7  | 226.2  | 229.7  | 231.1  | 229.7  | 229.2  | 237.5  |
| 32.5° | 230.6  | 228.7  | 228.2  | 220.4  | 208.1  | 205.2  | 208.1  | 211.1  | 214.5  | 219.4  | 229.2  |
| 35°   | 207.1  | 212.0  | 215.0  | 208.1  | 193.4  | 184.6  | 181.2  | 175.8  | 172.9  | 172.9  | 184.1  |
| 37.5° | 188.5  | 199.8  | 204.2  | 197.8  | 181.7  | 169.4  | 163.6  | 162.6  | 163.1  | 165.0  | 175.8  |
| 40°   | 182.2  | 190.5  | 194.4  | 188.0  | 171.9  | 160.6  | 157.2  | 156.2  | 157.2  | 160.1  | 170.9  |
| 42.5° | 178.2  | 184.1  | 183.6  | 175.8  | 162.6  | 154.7  | 152.8  | 151.8  | 152.8  | 155.7  | 167.5  |
| 45°   | 174.8  | 178.7  | 174.8  | 165.5  | 153.3  | 149.4  | 149.8  | 149.4  | 150.3  | 153.3  | 164.5  |
| 47.5° | 171.9  | 173.3  | 168.5  | 159.1  | 146.4  | 145.4  | 147.4  | 148.9  | 149.8  | 152.3  | 164.0  |
| 50°   | 167.5  | 167.5  | 163.1  | 153.3  | 140.5  | 141.0  | 143.5  | 146.9  | 147.4  | 150.3  | 159.6  |
| 52.5° | 162.1  | 161.6  | 158.7  | 149.4  | 135.6  | 137.1  | 137.1  | 141.0  | 142.0  | 145.4  | 155.2  |
| 55°   | 157.7  | 156.7  | 155.2  | 146.4  | 131.2  | 133.7  | 132.2  | 133.7  | 136.1  | 139.6  | 150.3  |
| 57.5° | 153.8  | 151.8  | 151.8  | 144.0  | 127.8  | 128.8  | 125.4  | 127.3  | 130.3  | 133.2  | 144.5  |
| 60°   | 149.8  | 147.9  | 148.9  | 140.5  | 122.4  | 121.4  | 120.0  | 123.9  | 124.9  | 128.3  | 139.6  |
| 62.5° | 145.4  | 144.0  | 144.5  | 136.6  | 118.5  | 116.1  | 116.1  | 119.5  | 120.0  | 124.9  | 135.6  |
| 65°   | 142.0  | 140.0  | 139.6  | 132.7  | 114.1  | 111.2  | 112.6  | 114.1  | 115.1  | 120.0  | 130.3  |
| 67.5° | 138.6  | 134.7  | 134.7  | 129.3  | 109.2  | 106.3  | 109.2  | 108.7  | 110.2  | 114.6  | 122.9  |
| 70°   | 134.2  | 128.8  | 129.3  | 126.8  | 104.3  | 100.9  | 103.3  | 102.8  | 103.8  | 106.8  | 115.1  |
| 72.5° | 127.3  | 122.9  | 123.9  | 122.9  | 99.4   | 94.5   | 95.5   | 95.5   | 95.5   | 97.9   | 106.8  |
| 75°   | 118.5  | 115.1  | 118.0  | 120.5  | 93.5   | 86.7   | 87.7   | 87.7   | 86.2   | 87.7   | 98.4   |
| 77.5° | 107.7  | 105.8  | 115.6  | 112.1  | 86.7   | 78.3   | 78.3   | 77.4   | 74.4   | 76.4   | 88.1   |
| 80°   | 96.0   | 94.5   | 106.8  | 94.0   | 78.8   | 68.1   | 67.1   | 64.6   | 61.7   | 63.2   | 74.9   |
| 82.5° | 83.7   | 82.3   | 89.6   | 72.0   | 68.1   | 56.3   | 53.9   | 49.5   | 46.5   | 48.0   | 58.8   |
| 85°   | 68.6   | 68.6   | 69.0   | 54.4   | 51.9   | 43.1   | 40.2   | 34.3   | 30.9   | 31.8   | 42.1   |
| 87.5° | 49.0   | 50.4   | 46.5   | 37.2   | 30.9   | 24.0   | 22.0   | 18.6   | 15.7   | 18.1   | 22.0   |
| 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: P200640

CATALOG NUMBER: GAW-AF-02-LED-E1-SLL-8030

**CANDELA DISTRIBUTION (continued):**

|       | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3009.6 | 3009.6 | 3009.6 | 3009.6 | 3009.6 | 3009.6 | 3009.6 | 3009.6 |
| 2.5°  | 2587.0 | 2640.9 | 2702.1 | 2780.4 | 2847.5 | 2957.7 | 3063.5 | 3127.1 |
| 5°    | 1934.3 | 2023.9 | 2135.5 | 2279.0 | 2412.7 | 2613.4 | 2812.7 | 2940.6 |
| 7.5°  | 1384.3 | 1480.3 | 1600.8 | 1780.0 | 1969.0 | 2225.1 | 2488.6 | 2641.4 |
| 10°   | 1145.4 | 1243.8 | 1345.2 | 1466.1 | 1620.9 | 1899.5 | 2210.9 | 2383.3 |
| 12.5° | 947.5  | 1052.8 | 1162.0 | 1289.3 | 1432.8 | 1681.6 | 2040.5 | 2238.8 |
| 15°   | 725.2  | 842.7  | 971.5  | 1132.6 | 1312.4 | 1599.8 | 1998.4 | 2213.9 |
| 17.5° | 497.0  | 628.3  | 786.4  | 985.2  | 1205.1 | 1573.4 | 2073.8 | 2322.1 |
| 20°   | 342.3  | 437.8  | 606.7  | 839.8  | 1104.2 | 1569.9 | 2218.8 | 2529.7 |
| 22.5° | 286.5  | 329.1  | 452.5  | 706.1  | 1028.3 | 1612.0 | 2443.5 | 2821.1 |
| 25°   | 264.9  | 290.4  | 361.4  | 590.1  | 973.0  | 1709.0 | 2753.0 | 3198.1 |
| 27.5° | 252.2  | 275.2  | 328.1  | 514.2  | 929.4  | 1821.6 | 3054.2 | 3563.4 |
| 30°   | 257.1  | 280.6  | 318.8  | 475.5  | 870.2  | 1915.6 | 3321.5 | 3848.4 |
| 32.5° | 231.6  | 241.9  | 273.2  | 441.2  | 827.6  | 1994.5 | 3555.6 | 4084.5 |
| 35°   | 197.3  | 215.5  | 243.9  | 425.0  | 828.5  | 2047.4 | 3810.7 | 4386.1 |
| 37.5° | 188.0  | 206.2  | 226.7  | 419.2  | 839.8  | 2103.7 | 4103.6 | 4739.7 |
| 40°   | 182.2  | 198.8  | 216.4  | 415.7  | 850.6  | 2155.1 | 4390.5 | 5089.3 |
| 42.5° | 178.2  | 193.4  | 215.5  | 404.0  | 856.0  | 2201.1 | 4626.5 | 5386.5 |
| 45°   | 177.8  | 193.4  | 219.4  | 392.2  | 864.3  | 2250.6 | 4824.4 | 5606.4 |
| 47.5° | 178.2  | 199.8  | 212.0  | 378.0  | 864.3  | 2333.3 | 5056.5 | 5802.8 |
| 50°   | 176.3  | 210.6  | 204.2  | 358.0  | 844.2  | 2490.0 | 5374.8 | 6065.7 |
| 52.5° | 175.3  | 209.1  | 189.0  | 327.1  | 809.4  | 2738.8 | 5782.7 | 6428.1 |
| 55°   | 172.9  | 201.8  | 178.2  | 281.1  | 768.8  | 3010.1 | 6219.5 | 6856.6 |
| 57.5° | 170.4  | 178.7  | 172.4  | 240.9  | 706.1  | 3201.1 | 6520.2 | 7191.0 |
| 60°   | 191.0  | 156.2  | 167.5  | 221.3  | 622.4  | 3253.5 | 6508.4 | 7324.2 |
| 62.5° | 176.8  | 146.4  | 161.1  | 216.9  | 563.6  | 3106.6 | 6207.7 | 7252.2 |
| 65°   | 138.6  | 140.0  | 154.7  | 229.7  | 548.0  | 2717.3 | 5675.0 | 6919.7 |
| 67.5° | 126.8  | 133.7  | 148.4  | 245.8  | 549.4  | 2175.7 | 4878.7 | 6195.5 |
| 70°   | 119.5  | 126.8  | 141.0  | 254.1  | 553.3  | 1621.8 | 3857.2 | 5046.2 |
| 72.5° | 111.2  | 117.5  | 132.7  | 255.6  | 527.9  | 1178.2 | 2972.9 | 3710.3 |
| 75°   | 101.4  | 107.2  | 121.0  | 222.8  | 437.3  | 817.3  | 2274.1 | 2538.5 |
| 77.5° | 90.1   | 94.5   | 106.3  | 171.9  | 324.7  | 523.0  | 1707.0 | 1854.4 |
| 80°   | 76.9   | 79.3   | 89.1   | 125.8  | 222.3  | 327.1  | 1350.6 | 1488.2 |
| 82.5° | 61.7   | 62.7   | 69.0   | 94.5   | 144.5  | 210.1  | 904.4  | 1032.3 |
| 85°   | 43.6   | 43.6   | 47.5   | 68.6   | 98.4   | 133.2  | 491.2  | 544.5  |
| 87.5° | 20.6   | 21.1   | 21.1   | 37.7   | 51.4   | 67.6   | 113.1  | 69.5   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)