

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: McGRAW-EDISON

Report Number: P192090

Luminaire Tested: **GLEON-AF-02-LED-E1-SLL-7050**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P192090  
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: MCGRAW-EDISON  
Catalog Number: GLEON-AF-02-LED-E1-SLL-7050  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(2) 70 CRI, 5000K, 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: 10703 lumens  
Efficiency: N/A  
Efficacy: 94.7 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 - G3

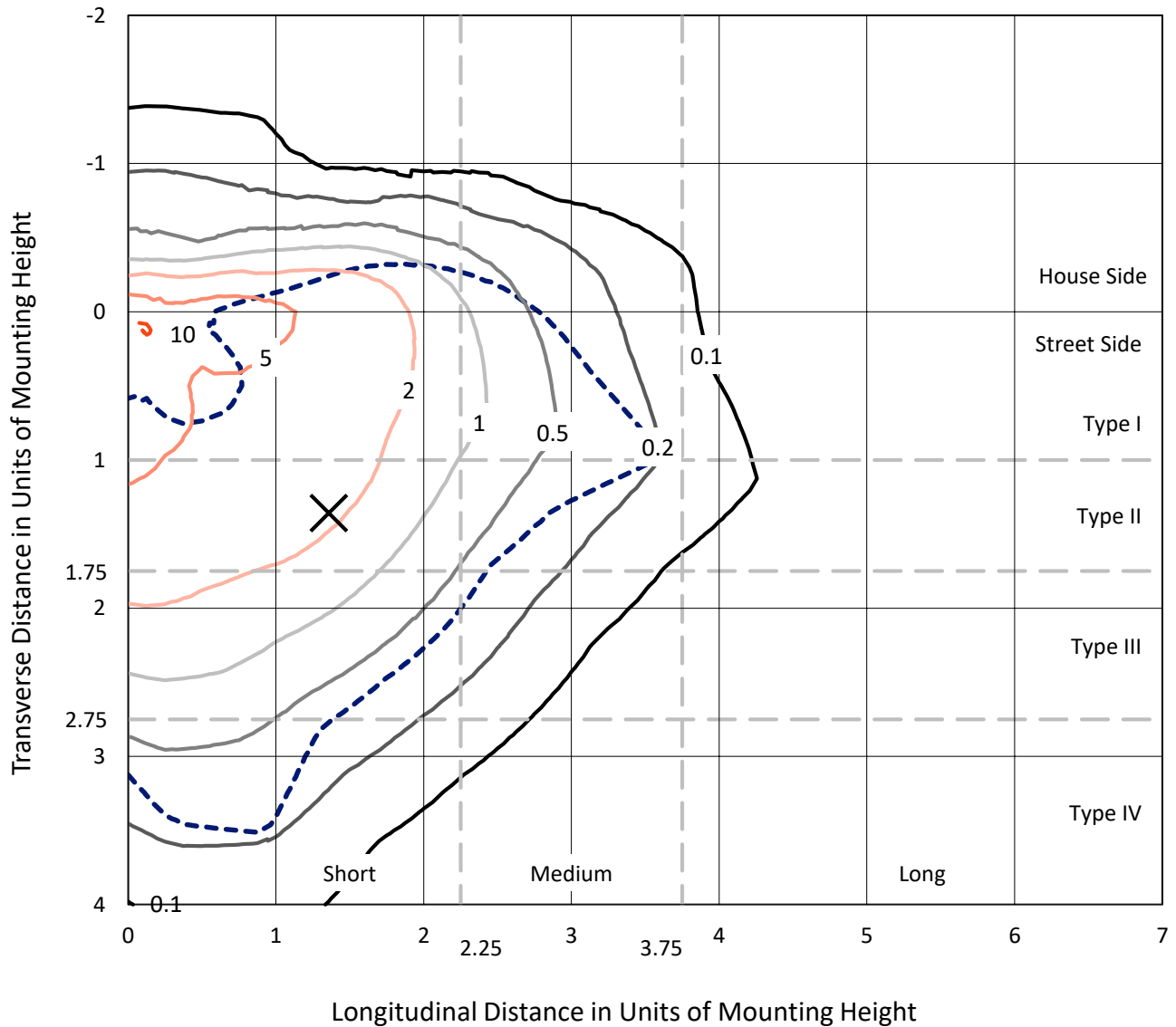
Input Watts (W): 113  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Footcandle Lines of Horizontal Illumination

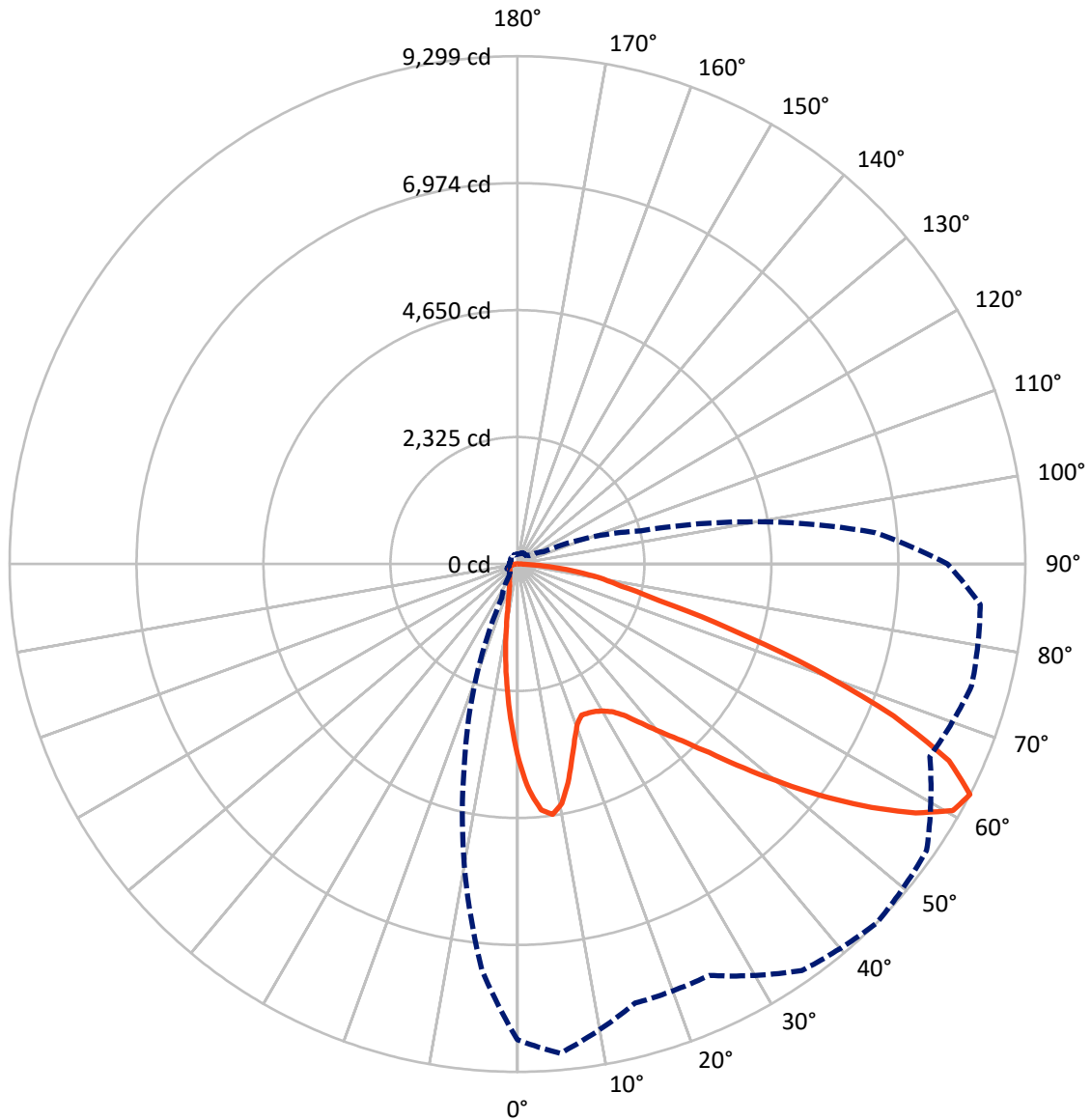
× Max cd  
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 10.6 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   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 1771.2   | 0.0    | 1771.2  |
|                    | % Fixture | 16.5     | 0.0    | 16.5    |
| <b>Street Side</b> | Lumens    | 8931.8   | 0.0    | 8931.8  |
|                    | % Fixture | 83.5     | 0.0    | 83.5    |
| <b>Total</b>       | Lumens    | 10703.0  | 0.0    | 10703.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 263.2   | 2.5       |
| 10°-20°   | 482.7   | 4.5       |
| 20°-30°   | 703.8   | 6.6       |
| 30°-40°   | 1083.9  | 10.1      |
| 40°-50°   | 1595.2  | 14.9      |
| 50°-60°   | 2339.9  | 21.9      |
| 60°-70°   | 2615.6  | 24.4      |
| 70°-80°   | 1280.6  | 12.0      |
| 80°-90°   | 338.1   | 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°    | 10703.0 | 100.0     |
| 0°-180°   | 10703.0 | 100.0     |

**Coefficient of Utilization**



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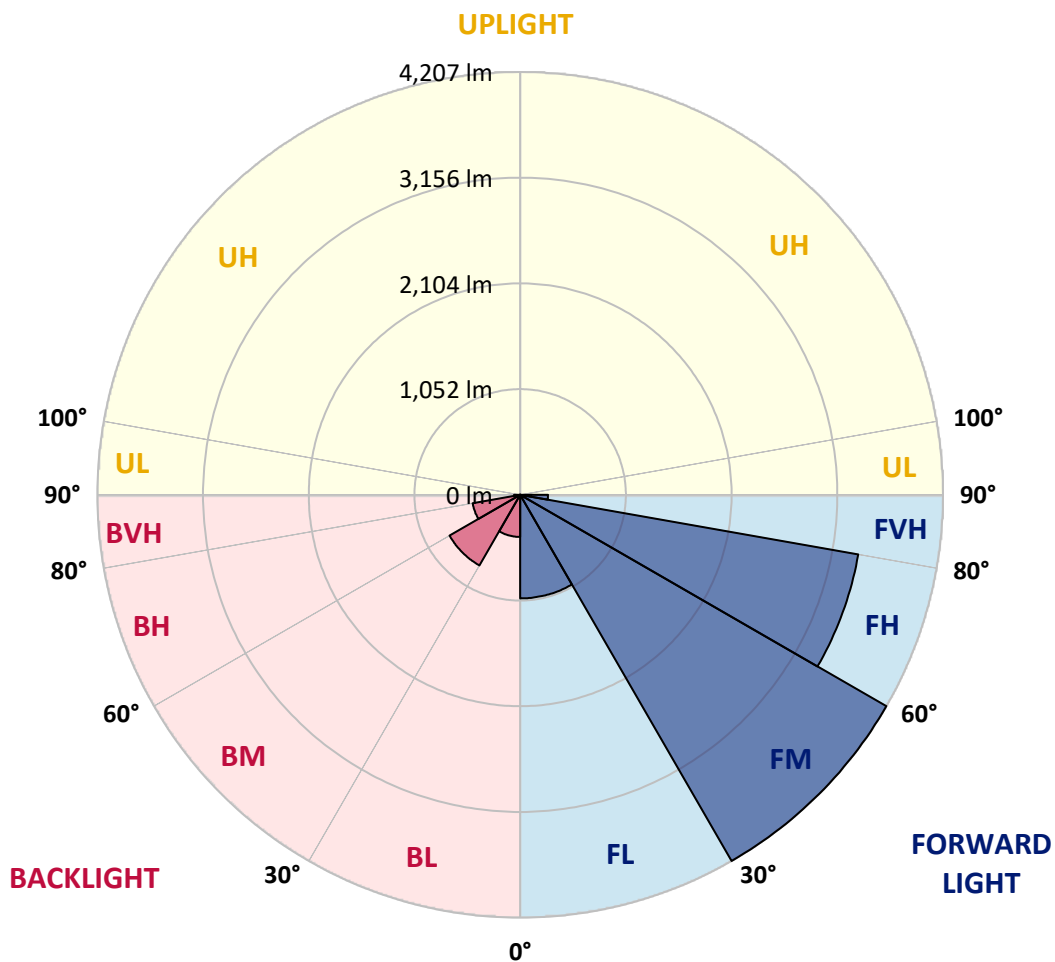
CATALOG NUMBER: GLEON-AF-02-LED-E1-SLL-7050

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 1030.7 | 9.6       |                         |      |         |
| FM   | (30°-60°)   | 4207.4 | 39.3      |                         |      |         |
| FH   | (60°-80°)   | 3416.0 | 31.9      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 277.7  | 2.6       |                         |      | G3/500  |
| BL   | (0°-30°)    | 419.0  | 3.9       | B1/500                  |      |         |
| BM   | (30°-60°)   | 811.5  | 7.6       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 480.2  | 4.5       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 60.4   | 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°    | 3616.0 | 3616.0 | 3616.0 | 3616.0 | 3616.0 | 3616.0 | 3616.0 | 3616.0 | 3616.0 | 3616.0 | 3616.0 |
| 2.5°  | 3757.3 | 3817.3 | 3934.4 | 4022.0 | 4128.5 | 4153.2 | 4187.3 | 4153.8 | 4094.4 | 4015.5 | 3989.7 |
| 5°    | 3533.1 | 3661.4 | 3945.5 | 4195.6 | 4418.0 | 4521.5 | 4550.4 | 4465.1 | 4292.7 | 4066.1 | 3927.9 |
| 7.5°  | 3173.6 | 3356.0 | 3740.8 | 4109.1 | 4436.8 | 4630.4 | 4625.7 | 4427.4 | 4110.3 | 3741.4 | 3519.6 |
| 10°   | 2863.5 | 3071.8 | 3513.1 | 3924.9 | 4272.7 | 4460.3 | 4388.0 | 4134.4 | 3756.1 | 3331.3 | 3090.6 |
| 12.5° | 2690.0 | 2894.1 | 3341.9 | 3755.5 | 4046.1 | 4110.9 | 4055.6 | 3807.3 | 3450.7 | 3021.2 | 2810.6 |
| 15°   | 2660.0 | 2884.1 | 3273.6 | 3610.2 | 3773.1 | 3716.7 | 3650.8 | 3539.6 | 3287.7 | 2921.2 | 2701.7 |
| 17.5° | 2790.0 | 3037.1 | 3351.9 | 3509.0 | 3481.3 | 3383.1 | 3364.2 | 3376.6 | 3316.0 | 3032.4 | 2779.4 |
| 20°   | 3039.5 | 3336.0 | 3538.4 | 3461.3 | 3259.5 | 3124.2 | 3128.9 | 3317.8 | 3497.2 | 3314.2 | 3025.3 |
| 22.5° | 3389.5 | 3727.8 | 3807.3 | 3486.6 | 3166.0 | 3005.3 | 3044.2 | 3350.1 | 3786.1 | 3726.1 | 3357.2 |
| 25°   | 3842.6 | 4150.9 | 4093.8 | 3578.4 | 3175.4 | 3020.0 | 3051.2 | 3461.9 | 4127.3 | 4137.9 | 3767.8 |
| 27.5° | 4281.5 | 4567.4 | 4334.4 | 3700.2 | 3214.2 | 3054.8 | 3095.9 | 3637.8 | 4453.3 | 4585.1 | 4237.4 |
| 30°   | 4623.9 | 4822.8 | 4429.7 | 3811.4 | 3290.7 | 3122.4 | 3173.6 | 3804.9 | 4601.6 | 4886.9 | 4598.6 |
| 32.5° | 4907.5 | 5050.5 | 4581.5 | 3949.1 | 3431.3 | 3228.9 | 3318.9 | 4007.9 | 4815.1 | 5174.0 | 4952.2 |
| 35°   | 5269.9 | 5310.5 | 4770.4 | 4102.6 | 3648.4 | 3414.2 | 3526.0 | 4206.8 | 5018.7 | 5464.1 | 5300.5 |
| 37.5° | 5694.7 | 5642.4 | 4948.7 | 4312.7 | 3929.1 | 3704.3 | 3796.7 | 4425.0 | 5186.4 | 5793.0 | 5656.5 |
| 40°   | 6114.8 | 5988.9 | 5172.3 | 4638.6 | 4338.6 | 4046.1 | 4155.6 | 4658.0 | 5342.9 | 6122.5 | 6004.2 |
| 42.5° | 6471.9 | 6285.4 | 5392.9 | 4996.9 | 4719.8 | 4423.3 | 4553.9 | 4892.8 | 5492.3 | 6403.7 | 6306.0 |
| 45°   | 6736.1 | 6504.3 | 5602.9 | 5341.1 | 5245.2 | 4924.6 | 4986.3 | 5161.7 | 5654.1 | 6638.4 | 6554.3 |
| 47.5° | 6972.0 | 6724.3 | 5840.6 | 5688.2 | 5704.7 | 5576.5 | 5477.0 | 5474.7 | 5844.8 | 6830.3 | 6789.1 |
| 50°   | 7288.0 | 7029.7 | 6096.0 | 6046.0 | 6394.3 | 6309.0 | 6089.5 | 5840.0 | 6086.0 | 7047.9 | 7043.2 |
| 52.5° | 7723.4 | 7513.3 | 6407.8 | 6431.3 | 7037.9 | 7093.8 | 6822.0 | 6279.0 | 6463.7 | 7447.4 | 7419.2 |
| 55°   | 8238.2 | 8115.8 | 6832.6 | 6874.4 | 7827.5 | 7867.5 | 7597.5 | 6827.9 | 7019.1 | 8025.8 | 7947.5 |
| 57.5° | 8640.0 | 8614.2 | 7298.6 | 7406.3 | 8417.1 | 8597.1 | 8348.8 | 7463.3 | 7645.1 | 8513.0 | 8316.4 |
| 60°   | 8800.1 | 8925.4 | 7794.6 | 7942.8 | 8962.5 | 9161.9 | 8944.2 | 8021.7 | 8199.9 | 8714.8 | 8291.1 |
| 62.5° | 8713.6 | 8993.6 | 8322.9 | 8310.6 | 9084.3 | 9299.0 | 9146.0 | 8332.3 | 8611.2 | 8506.5 | 7871.6 |
| 65°   | 8314.1 | 8748.3 | 8629.5 | 8215.8 | 8667.7 | 8685.3 | 8635.9 | 8193.5 | 8708.3 | 7848.1 | 7060.9 |
| 67.5° | 7443.9 | 8068.7 | 8225.8 | 7403.9 | 7543.9 | 7429.2 | 7346.2 | 7433.3 | 8202.3 | 6861.4 | 5934.2 |
| 70°   | 6063.0 | 7003.2 | 7078.5 | 5921.8 | 5858.3 | 5781.2 | 5615.9 | 6094.2 | 7203.9 | 5623.5 | 4708.6 |
| 72.5° | 4458.0 | 5446.4 | 5677.7 | 4343.3 | 4049.1 | 4065.0 | 3934.4 | 4592.7 | 5857.1 | 4177.3 | 3515.4 |
| 75°   | 3050.0 | 3943.8 | 4442.1 | 3030.6 | 2677.6 | 2684.1 | 2667.6 | 3254.2 | 4665.1 | 2905.9 | 2630.5 |
| 77.5° | 2228.1 | 2817.6 | 3350.1 | 2037.5 | 1978.1 | 1941.6 | 1932.8 | 2276.9 | 3576.6 | 2109.9 | 2042.8 |
| 80°   | 1788.0 | 2081.6 | 2250.5 | 1412.1 | 1518.6 | 1515.6 | 1466.8 | 1565.6 | 2335.8 | 1543.3 | 1528.0 |
| 82.5° | 1240.3 | 1599.7 | 1823.3 | 1106.7 | 1024.9 | 1007.9 | 1019.6 | 1166.1 | 1650.9 | 1054.9 | 1003.2 |
| 85°   | 654.3  | 1062.6 | 1805.7 | 980.8  | 608.4  | 485.4  | 603.7  | 954.9  | 1430.3 | 558.9  | 489.5  |
| 87.5° | 83.5   | 307.1  | 1195.5 | 391.3  | 240.1  | 129.4  | 286.5  | 537.8  | 918.4  | 114.1  | 99.4   |
| 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°    | 3616.0 | 3616.0 | 3616.0 | 3616.0 | 3616.0 | 3616.0 | 3616.0 | 3616.0 | 3616.0 | 3616.0 | 3616.0 |
| 2.5°  | 3923.2 | 3844.9 | 3742.5 | 3647.8 | 3549.6 | 3451.9 | 3324.2 | 3244.2 | 3188.9 | 3178.3 | 3154.8 |
| 5°    | 3827.9 | 3567.8 | 3371.3 | 3201.3 | 3047.1 | 2829.4 | 2708.8 | 2608.8 | 2555.2 | 2549.9 | 2537.0 |
| 7.5°  | 3388.4 | 3029.5 | 2764.1 | 2523.5 | 2305.2 | 2129.3 | 1935.1 | 1844.5 | 1807.4 | 1816.3 | 1825.1 |
| 10°   | 2931.2 | 2529.9 | 2225.2 | 1979.2 | 1786.8 | 1638.6 | 1482.7 | 1377.3 | 1304.4 | 1289.7 | 1286.7 |
| 12.5° | 2597.0 | 2156.9 | 1861.0 | 1687.4 | 1538.6 | 1399.1 | 1233.8 | 1109.6 | 1014.9 | 982.6  | 960.8  |
| 15°   | 2455.8 | 1974.5 | 1664.5 | 1477.4 | 1313.2 | 1136.1 | 982.6  | 852.5  | 765.5  | 737.2  | 721.3  |
| 17.5° | 2485.8 | 1923.9 | 1529.1 | 1289.7 | 1079.6 | 894.9  | 701.3  | 590.1  | 537.8  | 524.2  | 524.2  |
| 20°   | 2643.5 | 1914.5 | 1417.4 | 1116.7 | 854.9  | 640.7  | 481.9  | 418.3  | 401.3  | 399.5  | 404.2  |
| 22.5° | 2864.7 | 1947.5 | 1333.8 | 966.7  | 664.3  | 467.7  | 375.4  | 351.8  | 344.2  | 346.0  | 351.2  |
| 25°   | 3194.2 | 2058.7 | 1273.2 | 833.1  | 521.3  | 383.0  | 334.8  | 320.7  | 317.1  | 321.8  | 328.3  |
| 27.5° | 3584.9 | 2169.9 | 1235.6 | 732.5  | 440.1  | 350.1  | 318.3  | 303.6  | 305.9  | 311.8  | 317.7  |
| 30°   | 3927.9 | 2261.1 | 1176.1 | 660.7  | 414.8  | 351.8  | 318.3  | 298.3  | 295.9  | 297.1  | 298.9  |
| 32.5° | 4235.6 | 2322.8 | 1106.7 | 592.5  | 357.7  | 312.4  | 297.1  | 294.2  | 281.2  | 276.5  | 277.1  |
| 35°   | 4500.9 | 2322.8 | 1064.9 | 552.5  | 320.7  | 277.1  | 252.4  | 237.7  | 231.2  | 231.8  | 238.3  |
| 37.5° | 4756.9 | 2276.4 | 1044.3 | 530.1  | 300.7  | 263.6  | 241.8  | 228.9  | 220.0  | 218.3  | 219.5  |
| 40°   | 4982.8 | 2208.7 | 1020.8 | 520.7  | 285.4  | 255.3  | 234.8  | 224.2  | 214.8  | 211.8  | 212.4  |
| 42.5° | 5164.0 | 2154.0 | 994.9  | 508.3  | 275.9  | 249.5  | 230.0  | 220.6  | 210.0  | 207.1  | 206.5  |
| 45°   | 5359.9 | 2135.7 | 960.8  | 483.6  | 280.6  | 250.1  | 228.9  | 218.9  | 208.3  | 204.7  | 203.6  |
| 47.5° | 5618.2 | 2192.8 | 925.5  | 454.2  | 290.6  | 253.0  | 230.6  | 218.9  | 207.7  | 204.7  | 203.6  |
| 50°   | 5943.6 | 2327.0 | 880.8  | 411.3  | 280.6  | 261.2  | 230.0  | 217.1  | 207.7  | 204.7  | 202.4  |
| 52.5° | 6361.3 | 2508.2 | 821.9  | 361.8  | 274.8  | 281.2  | 228.9  | 213.6  | 204.7  | 200.6  | 196.5  |
| 55°   | 6869.1 | 2656.4 | 751.9  | 321.2  | 261.2  | 275.9  | 227.1  | 209.5  | 200.0  | 194.2  | 190.6  |
| 57.5° | 7240.9 | 2710.0 | 661.9  | 294.8  | 242.4  | 267.1  | 224.8  | 204.2  | 194.2  | 189.5  | 184.7  |
| 60°   | 7167.4 | 2606.4 | 586.0  | 278.3  | 231.2  | 241.2  | 223.0  | 199.5  | 188.9  | 185.3  | 181.2  |
| 62.5° | 6578.4 | 2335.8 | 537.2  | 270.6  | 224.2  | 220.0  | 224.8  | 194.7  | 184.2  | 180.6  | 179.4  |
| 65°   | 5695.3 | 1936.3 | 517.8  | 268.9  | 218.3  | 207.7  | 208.9  | 189.5  | 178.9  | 175.9  | 174.7  |
| 67.5° | 4698.0 | 1562.7 | 500.7  | 274.8  | 210.6  | 198.9  | 193.0  | 182.4  | 173.6  | 170.6  | 168.3  |
| 70°   | 3704.9 | 1299.7 | 493.0  | 271.2  | 201.2  | 190.0  | 183.6  | 174.7  | 167.1  | 164.2  | 162.4  |
| 72.5° | 2983.6 | 1097.9 | 488.9  | 267.7  | 188.9  | 178.3  | 172.4  | 164.7  | 156.5  | 155.3  | 153.6  |
| 75°   | 2524.6 | 863.1  | 447.7  | 256.5  | 174.7  | 164.2  | 160.0  | 153.0  | 144.7  | 144.7  | 143.6  |
| 77.5° | 1947.5 | 624.2  | 372.4  | 227.1  | 160.0  | 148.3  | 144.7  | 139.4  | 130.0  | 131.8  | 131.2  |
| 80°   | 1438.5 | 407.1  | 291.2  | 188.3  | 141.8  | 130.6  | 128.9  | 123.6  | 113.6  | 115.9  | 115.9  |
| 82.5° | 985.5  | 267.1  | 209.5  | 154.1  | 121.2  | 110.6  | 110.6  | 105.3  | 94.1   | 95.3   | 98.8   |
| 85°   | 494.8  | 183.6  | 156.5  | 119.4  | 94.1   | 88.8   | 88.8   | 84.7   | 73.5   | 74.1   | 78.8   |
| 87.5° | 150.6  | 110.6  | 103.6  | 85.3   | 67.7   | 66.5   | 63.5   | 60.6   | 53.5   | 53.0   | 55.9   |
| 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°    | 3616.0 | 3616.0 | 3616.0 | 3616.0 | 3616.0 | 3616.0 | 3616.0 | 3616.0 | 3616.0 | 3616.0 | 3616.0 |
| 2.5°  | 3118.9 | 3085.4 | 3044.8 | 2955.3 | 2925.3 | 2923.6 | 2950.6 | 2922.4 | 2976.5 | 2953.6 | 2978.9 |
| 5°    | 2515.2 | 2482.3 | 2437.0 | 2322.8 | 2253.4 | 2206.3 | 2184.0 | 2118.1 | 2165.7 | 2131.0 | 2159.9 |
| 7.5°  | 1849.8 | 1857.4 | 1827.4 | 1760.4 | 1609.2 | 1533.3 | 1488.5 | 1448.5 | 1483.3 | 1479.7 | 1535.0 |
| 10°   | 1300.3 | 1320.9 | 1299.7 | 1232.0 | 1109.6 | 1067.9 | 1076.1 | 1092.0 | 1137.3 | 1160.8 | 1246.1 |
| 12.5° | 936.1  | 934.9  | 921.4  | 860.8  | 780.2  | 784.9  | 818.4  | 846.1  | 887.8  | 912.5  | 999.6  |
| 15°   | 699.0  | 688.4  | 682.5  | 633.1  | 587.2  | 597.2  | 613.7  | 616.6  | 643.1  | 657.8  | 728.4  |
| 17.5° | 528.3  | 533.6  | 540.1  | 504.8  | 470.1  | 463.6  | 450.7  | 434.8  | 442.4  | 445.4  | 480.7  |
| 20°   | 419.5  | 440.7  | 456.6  | 431.9  | 396.6  | 377.7  | 361.3  | 350.7  | 350.7  | 350.1  | 360.1  |
| 22.5° | 366.5  | 381.8  | 398.9  | 381.8  | 350.1  | 333.6  | 324.2  | 315.9  | 314.8  | 314.8  | 324.2  |
| 25°   | 337.7  | 348.9  | 365.4  | 353.6  | 330.1  | 317.7  | 308.9  | 298.3  | 294.2  | 293.0  | 299.5  |
| 27.5° | 323.6  | 328.3  | 336.5  | 326.0  | 305.9  | 300.1  | 297.7  | 288.3  | 283.0  | 280.1  | 286.5  |
| 30°   | 299.5  | 298.3  | 298.9  | 288.3  | 272.4  | 271.8  | 275.9  | 277.7  | 275.9  | 275.4  | 285.4  |
| 32.5° | 277.1  | 274.8  | 274.2  | 264.8  | 250.1  | 246.5  | 250.1  | 253.6  | 257.7  | 263.6  | 275.4  |
| 35°   | 248.9  | 254.8  | 258.3  | 250.1  | 232.4  | 221.8  | 217.7  | 211.2  | 207.7  | 207.7  | 221.2  |
| 37.5° | 226.5  | 240.1  | 245.3  | 237.7  | 218.3  | 203.6  | 196.5  | 195.3  | 195.9  | 198.3  | 211.2  |
| 40°   | 218.9  | 228.9  | 233.6  | 225.9  | 206.5  | 193.0  | 188.9  | 187.7  | 188.9  | 192.4  | 205.3  |
| 42.5° | 214.2  | 221.2  | 220.6  | 211.2  | 195.3  | 185.9  | 183.6  | 182.4  | 183.6  | 187.1  | 201.2  |
| 45°   | 210.0  | 214.8  | 210.0  | 198.9  | 184.2  | 179.4  | 180.0  | 179.4  | 180.6  | 184.2  | 197.7  |
| 47.5° | 206.5  | 208.3  | 202.4  | 191.2  | 175.9  | 174.7  | 177.1  | 178.9  | 180.0  | 183.0  | 197.1  |
| 50°   | 201.2  | 201.2  | 195.9  | 184.2  | 168.9  | 169.4  | 172.4  | 176.5  | 177.1  | 180.6  | 191.8  |
| 52.5° | 194.7  | 194.2  | 190.6  | 179.4  | 163.0  | 164.7  | 164.7  | 169.4  | 170.6  | 174.7  | 186.5  |
| 55°   | 189.5  | 188.3  | 186.5  | 175.9  | 157.7  | 160.6  | 158.9  | 160.6  | 163.6  | 167.7  | 180.6  |
| 57.5° | 184.7  | 182.4  | 182.4  | 173.0  | 153.6  | 154.7  | 150.6  | 153.0  | 156.5  | 160.0  | 173.6  |
| 60°   | 180.0  | 177.7  | 178.9  | 168.9  | 147.1  | 145.9  | 144.1  | 148.9  | 150.0  | 154.1  | 167.7  |
| 62.5° | 174.7  | 173.0  | 173.6  | 164.2  | 142.4  | 139.4  | 139.4  | 143.6  | 144.1  | 150.0  | 163.0  |
| 65°   | 170.6  | 168.3  | 167.7  | 159.4  | 137.1  | 133.6  | 135.3  | 137.1  | 138.3  | 144.1  | 156.5  |
| 67.5° | 166.5  | 161.8  | 161.8  | 155.3  | 131.2  | 127.7  | 131.2  | 130.6  | 132.4  | 137.7  | 147.7  |
| 70°   | 161.2  | 154.7  | 155.3  | 152.4  | 125.3  | 121.2  | 124.1  | 123.6  | 124.7  | 128.3  | 138.3  |
| 72.5° | 153.0  | 147.7  | 148.9  | 147.7  | 119.4  | 113.6  | 114.7  | 114.7  | 114.7  | 117.7  | 128.3  |
| 75°   | 142.4  | 138.3  | 141.8  | 144.7  | 112.4  | 104.1  | 105.3  | 105.3  | 103.6  | 105.3  | 118.3  |
| 77.5° | 129.4  | 127.1  | 138.9  | 134.7  | 104.1  | 94.1   | 94.1   | 93.0   | 89.4   | 91.8   | 105.9  |
| 80°   | 115.3  | 113.6  | 128.3  | 113.0  | 94.7   | 81.8   | 80.6   | 77.7   | 74.1   | 75.9   | 90.0   |
| 82.5° | 100.6  | 98.8   | 107.7  | 86.5   | 81.8   | 67.7   | 64.7   | 59.4   | 55.9   | 57.7   | 70.6   |
| 85°   | 82.4   | 82.4   | 83.0   | 65.3   | 62.4   | 51.8   | 48.2   | 41.2   | 37.1   | 38.2   | 50.6   |
| 87.5° | 58.8   | 60.6   | 55.9   | 44.7   | 37.1   | 28.8   | 26.5   | 22.4   | 18.8   | 21.8   | 26.5   |
| 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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CATALOG NUMBER: GLEON-AF-02-LED-E1-SLL-7050

**CANDELA DISTRIBUTION (continued):**

|       | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3616.0 | 3616.0 | 3616.0 | 3616.0 | 3616.0 | 3616.0 | 3616.0 | 3616.0 |
| 2.5°  | 3108.3 | 3173.0 | 3246.6 | 3340.7 | 3421.3 | 3553.7 | 3680.8 | 3757.3 |
| 5°    | 2324.0 | 2431.7 | 2565.8 | 2738.2 | 2898.8 | 3140.1 | 3379.5 | 3533.1 |
| 7.5°  | 1663.3 | 1778.6 | 1923.3 | 2138.7 | 2365.8 | 2673.5 | 2990.0 | 3173.6 |
| 10°   | 1376.2 | 1494.4 | 1616.2 | 1761.5 | 1947.5 | 2282.2 | 2656.4 | 2863.5 |
| 12.5° | 1138.5 | 1265.0 | 1396.2 | 1549.1 | 1721.5 | 2020.4 | 2451.7 | 2690.0 |
| 15°   | 871.4  | 1012.6 | 1167.3 | 1360.9 | 1576.8 | 1922.2 | 2401.1 | 2660.0 |
| 17.5° | 597.2  | 754.9  | 944.9  | 1183.8 | 1447.9 | 1890.4 | 2491.7 | 2790.0 |
| 20°   | 411.3  | 526.0  | 729.0  | 1009.0 | 1326.7 | 1886.3 | 2665.9 | 3039.5 |
| 22.5° | 344.2  | 395.4  | 543.6  | 848.4  | 1235.6 | 1936.9 | 2935.9 | 3389.5 |
| 25°   | 318.3  | 348.9  | 434.2  | 709.0  | 1169.1 | 2053.4 | 3307.8 | 3842.6 |
| 27.5° | 303.0  | 330.7  | 394.2  | 617.8  | 1116.7 | 2188.7 | 3669.6 | 4281.5 |
| 30°   | 308.9  | 337.1  | 383.0  | 571.3  | 1045.5 | 2301.7 | 3990.8 | 4623.9 |
| 32.5° | 278.3  | 290.6  | 328.3  | 530.1  | 994.3  | 2396.4 | 4272.1 | 4907.5 |
| 35°   | 237.1  | 258.9  | 293.0  | 510.7  | 995.5  | 2459.9 | 4578.6 | 5269.9 |
| 37.5° | 225.9  | 247.7  | 272.4  | 503.6  | 1009.0 | 2527.6 | 4930.4 | 5694.7 |
| 40°   | 218.9  | 238.9  | 260.1  | 499.5  | 1022.0 | 2589.4 | 5275.2 | 6114.8 |
| 42.5° | 214.2  | 232.4  | 258.9  | 485.4  | 1028.5 | 2644.7 | 5558.8 | 6471.9 |
| 45°   | 213.6  | 232.4  | 263.6  | 471.3  | 1038.5 | 2704.1 | 5796.5 | 6736.1 |
| 47.5° | 214.2  | 240.1  | 254.8  | 454.2  | 1038.5 | 2803.5 | 6075.4 | 6972.0 |
| 50°   | 211.8  | 253.0  | 245.3  | 430.1  | 1014.3 | 2991.8 | 6457.8 | 7288.0 |
| 52.5° | 210.6  | 251.2  | 227.1  | 393.0  | 972.6  | 3290.7 | 6947.9 | 7723.4 |
| 55°   | 207.7  | 242.4  | 214.2  | 337.7  | 923.7  | 3616.6 | 7472.7 | 8238.2 |
| 57.5° | 204.7  | 214.8  | 207.1  | 289.5  | 848.4  | 3846.1 | 7834.0 | 8640.0 |
| 60°   | 229.5  | 187.7  | 201.2  | 265.9  | 747.8  | 3909.1 | 7819.9 | 8800.1 |
| 62.5° | 212.4  | 175.9  | 193.6  | 260.6  | 677.2  | 3732.5 | 7458.6 | 8713.6 |
| 65°   | 166.5  | 168.3  | 185.9  | 275.9  | 658.4  | 3264.8 | 6818.5 | 8314.1 |
| 67.5° | 152.4  | 160.6  | 178.3  | 295.4  | 660.1  | 2614.1 | 5861.8 | 7443.9 |
| 70°   | 143.6  | 152.4  | 169.4  | 305.4  | 664.8  | 1948.6 | 4634.5 | 6063.0 |
| 72.5° | 133.6  | 141.2  | 159.4  | 307.1  | 634.3  | 1415.6 | 3571.9 | 4458.0 |
| 75°   | 121.8  | 128.9  | 145.3  | 267.7  | 525.4  | 982.0  | 2732.3 | 3050.0 |
| 77.5° | 108.3  | 113.6  | 127.7  | 206.5  | 390.1  | 628.4  | 2051.0 | 2228.1 |
| 80°   | 92.4   | 95.3   | 107.1  | 151.2  | 267.1  | 393.0  | 1622.7 | 1788.0 |
| 82.5° | 74.1   | 75.3   | 83.0   | 113.6  | 173.6  | 252.4  | 1086.7 | 1240.3 |
| 85°   | 52.4   | 52.4   | 57.1   | 82.4   | 118.3  | 160.0  | 590.1  | 654.3  |
| 87.5° | 24.7   | 25.3   | 25.3   | 45.3   | 61.8   | 81.2   | 135.9  | 83.5   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)