

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: P194643

Luminaire Tested: **GLEON-AF-05-LED-E1-SLL-7060-1200**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P194643  
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-05-LED-E1-SLL-7060-1200  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(5) 70 CRI, 5700K, 1200mA 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: 28681 lumens  
Efficiency: N/A  
Efficacy: 89.6 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B3 - U0 - G4

Input Watts (W): 320  
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



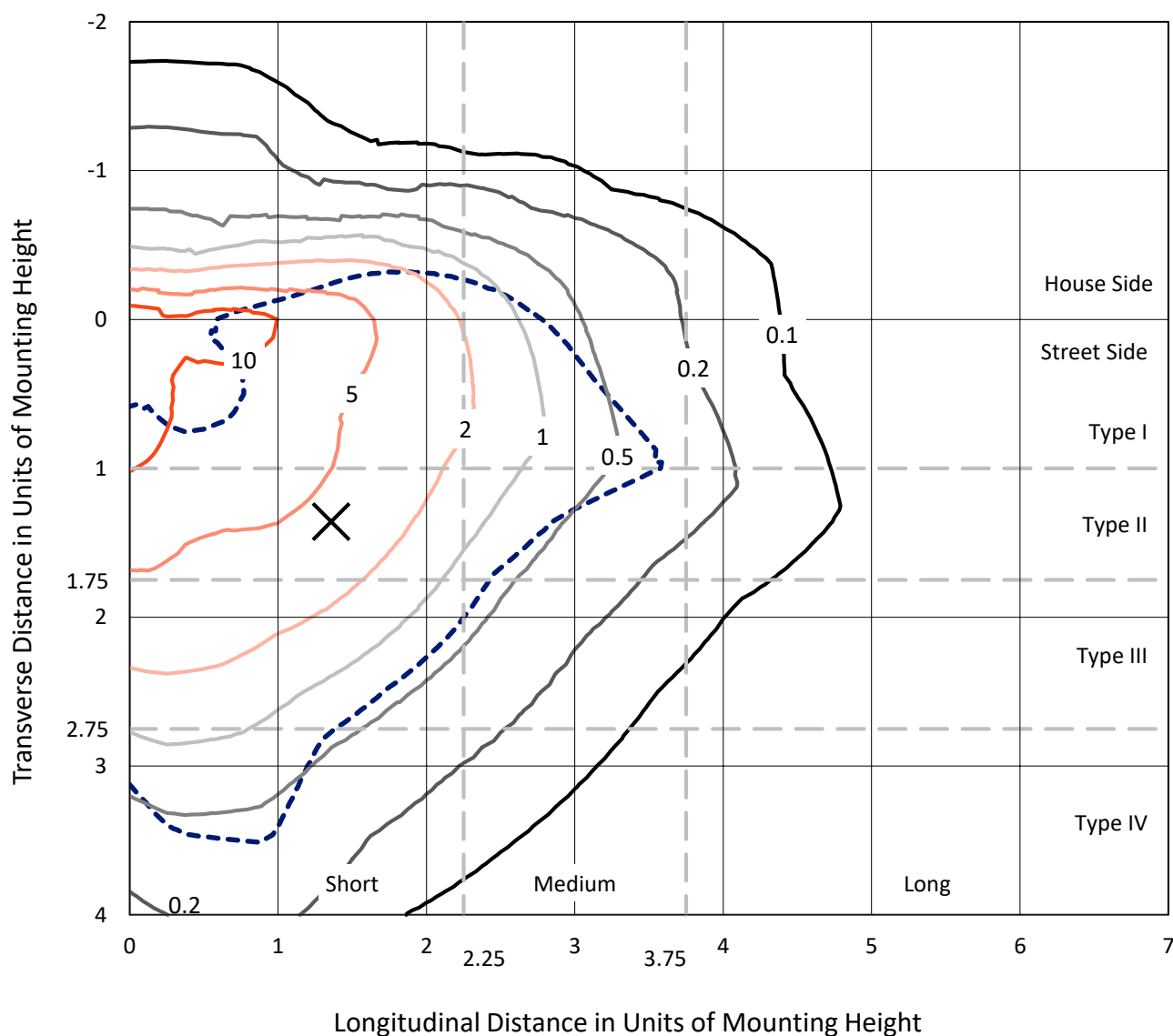
REPORT NUMBER: P194643

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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

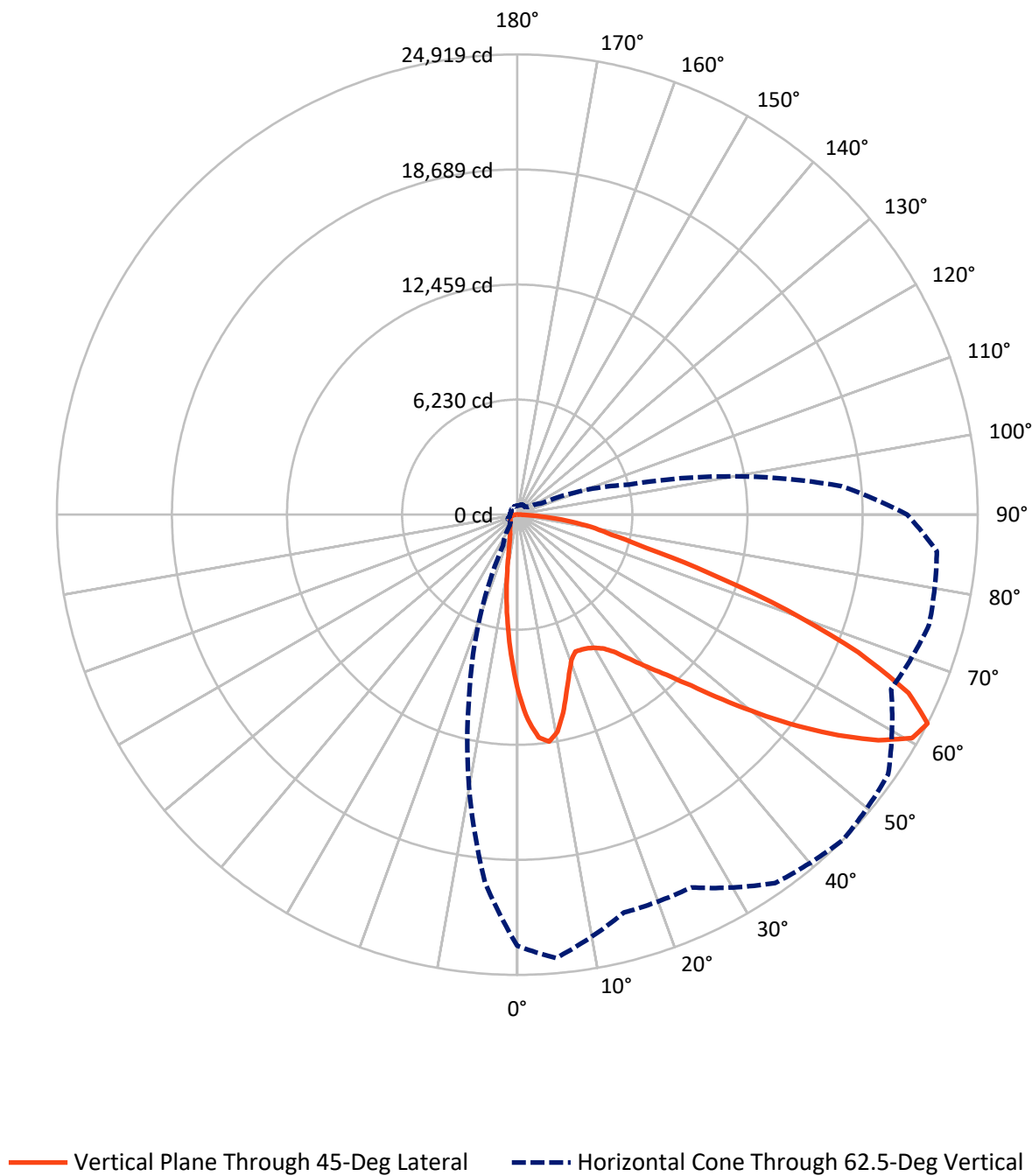


Based on 25 foot mounting height. Maximum calculated value = 18.2 fc  
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P194643

CATALOG NUMBER: GLEON-AF-05-LED-E1-SLL-7060-1200

## Luminous Intensity Polar Plot



REPORT NUMBER: P194643

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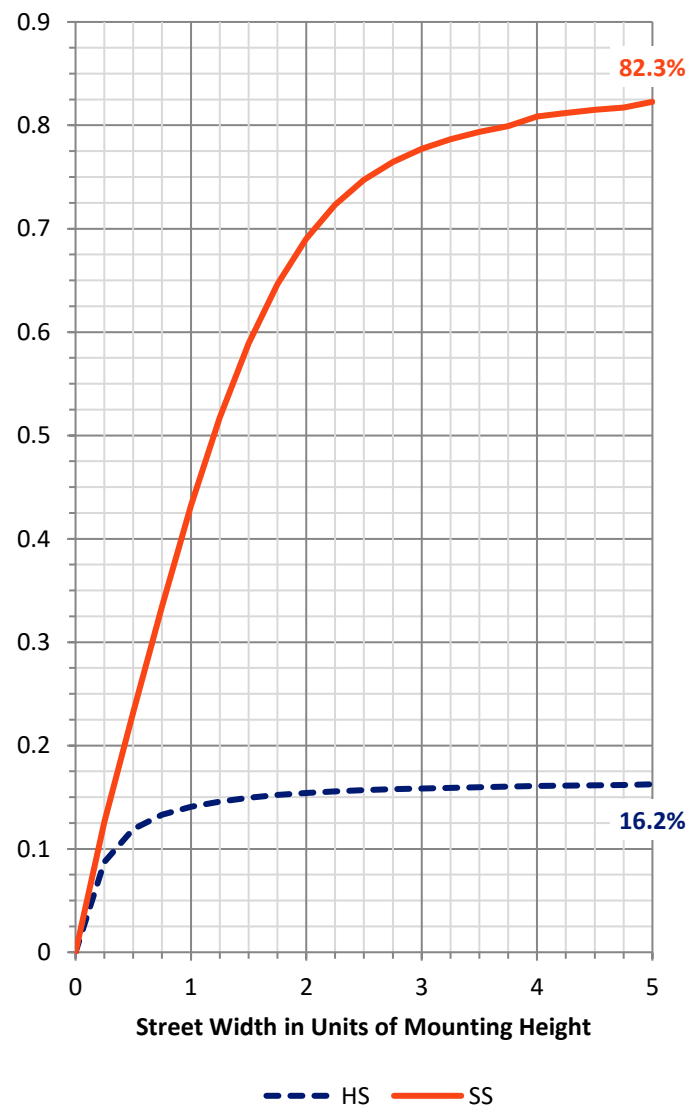
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 4746.3   | 0.0    | 4746.3  |
|                    | % Fixture | 16.5     | 0.0    | 16.5    |
| <b>Street Side</b> | Lumens    | 23934.7  | 0.0    | 23934.7 |
|                    | % Fixture | 83.5     | 0.0    | 83.5    |
| <b>Total</b>       | Lumens    | 28681.0  | 0.0    | 28681.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 705.4   | 2.5       |
| 10°-20°   | 1293.5  | 4.5       |
| 20°-30°   | 1885.9  | 6.6       |
| 30°-40°   | 2904.6  | 10.1      |
| 40°-50°   | 4274.8  | 14.9      |
| 50°-60°   | 6270.2  | 21.9      |
| 60°-70°   | 7009.1  | 24.4      |
| 70°-80°   | 3431.6  | 12.0      |
| 80°-90°   | 906.0   | 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°    | 28681.0 | 100.0     |
| 0°-180°   | 28681.0 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P194643

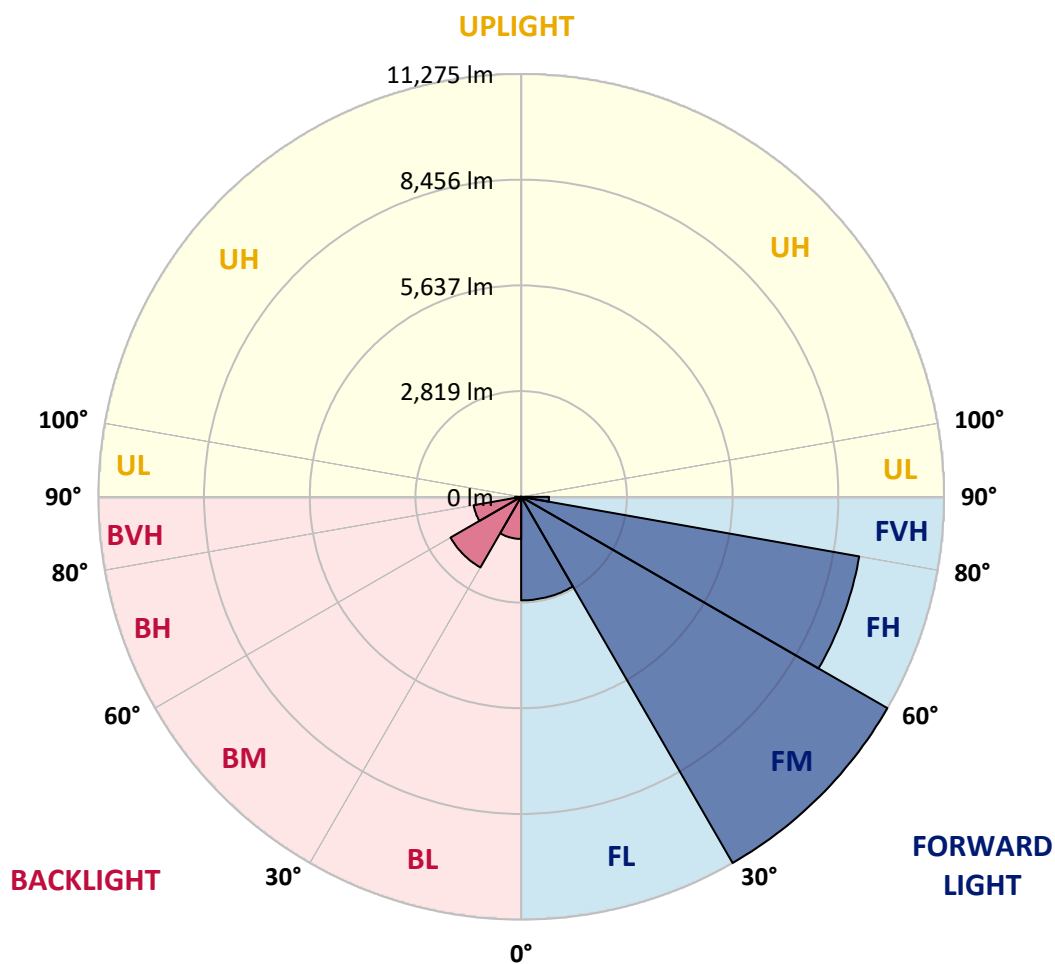
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |          |
|------|-------------|---------|-----------|-------------------------|------|----------|
|      |             |         |           | B                       | U    | G        |
| FL   | (0°-30°)    | 2761.9  | 9.6       |                         |      |          |
| FM   | (30°-60°)   | 11274.8 | 39.3      |                         |      |          |
| FH   | (60°-80°)   | 9154.0  | 31.9      |                         |      | G4/12000 |
| FVH  | (80°-90°)   | 744.1   | 2.6       |                         |      | G4/750   |
| BL   | (0°-30°)    | 1122.9  | 3.9       | B3/2500                 |      |          |
| BM   | (30°-60°)   | 2174.7  | 7.6       | B2/2500                 |      |          |
| BH   | (60°-80°)   | 1286.7  | 4.5       | B3/2500                 |      | G3/2500  |
| BVH  | (80°-90°)   | 162.0   | 0.6       |                         |      | G2/225   |
| UL   | (90°-100°)  | 0.0     | 0.0       |                         | U0/0 |          |
| UH   | (100°-180°) | 0.0     | 0.0       |                         | U0/0 |          |

**BUG Rating: B3-U0-G4**

Type IV Short



REPORT NUMBER: P194643

CATALOG NUMBER: GLEON-AF-05-LED-E1-SLL-7060-1200

**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 5°      | 15°     | 25°     | 35°     | 45°     | 55°     | 65°     | 75°     | 85°     | 90°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 9690.0  | 9690.0  | 9690.0  | 9690.0  | 9690.0  | 9690.0  | 9690.0  | 9690.0  | 9690.0  | 9690.0  | 9690.0  |
| 2.5°  | 10068.4 | 10229.2 | 10542.9 | 10777.9 | 11063.2 | 11129.5 | 11220.9 | 11131.0 | 10971.8 | 10760.5 | 10691.1 |
| 5°    | 9467.7  | 9811.4  | 10572.9 | 11243.0 | 11838.9 | 12116.4 | 12193.7 | 11965.1 | 11503.1 | 10896.1 | 10525.6 |
| 7.5°  | 8504.4  | 8993.1  | 10024.2 | 11011.2 | 11889.4 | 12408.1 | 12395.5 | 11864.2 | 11014.4 | 10025.8 | 9431.4  |
| 10°   | 7673.5  | 8231.6  | 9414.1  | 10517.7 | 11449.5 | 11952.5 | 11758.5 | 11079.0 | 10065.2 | 8926.9  | 8282.1  |
| 12.5° | 7208.4  | 7755.5  | 8955.3  | 10063.6 | 10842.5 | 11015.9 | 10867.7 | 10202.4 | 9247.0  | 8096.0  | 7531.6  |
| 15°   | 7128.0  | 7728.7  | 8772.4  | 9674.2  | 10110.9 | 9959.6  | 9783.0  | 9485.0  | 8810.2  | 7828.0  | 7239.9  |
| 17.5° | 7476.4  | 8138.6  | 8982.1  | 9403.0  | 9328.9  | 9065.6  | 9015.2  | 9048.3  | 8885.9  | 8126.0  | 7448.0  |
| 20°   | 8144.9  | 8939.5  | 9481.9  | 9275.3  | 8734.5  | 8371.9  | 8384.5  | 8890.6  | 9371.5  | 8881.2  | 8107.0  |
| 22.5° | 9083.0  | 9989.5  | 10202.4 | 9343.1  | 8483.9  | 8053.4  | 8157.5  | 8977.3  | 10145.6 | 9984.8  | 8996.3  |
| 25°   | 10297.0 | 11123.1 | 10970.2 | 9589.1  | 8509.1  | 8092.9  | 8176.4  | 9276.9  | 11060.1 | 11088.5 | 10096.8 |
| 27.5° | 11473.2 | 12239.4 | 11615.1 | 9915.4  | 8613.1  | 8185.9  | 8296.2  | 9748.3  | 11933.5 | 12286.7 | 11354.9 |
| 30°   | 12390.8 | 12923.7 | 11870.5 | 10213.4 | 8818.1  | 8367.2  | 8504.4  | 10196.1 | 12330.8 | 13095.5 | 12323.0 |
| 32.5° | 13150.7 | 13533.8 | 12277.2 | 10582.4 | 9194.9  | 8652.6  | 8893.8  | 10740.0 | 12903.2 | 13864.9 | 13270.5 |
| 35°   | 14121.9 | 14230.7 | 12783.3 | 10993.9 | 9776.7  | 9149.2  | 9448.8  | 11272.9 | 13448.7 | 14642.2 | 14203.9 |
| 37.5° | 15260.2 | 15119.9 | 13261.1 | 11556.7 | 10528.8 | 9926.5  | 10174.0 | 11857.9 | 13898.0 | 15523.5 | 15157.8 |
| 40°   | 16385.9 | 16048.5 | 13860.2 | 12430.2 | 11626.1 | 10842.5 | 11135.8 | 12482.2 | 14317.4 | 16406.4 | 16089.5 |
| 42.5° | 17343.0 | 16843.2 | 14451.4 | 13390.3 | 12647.8 | 11853.1 | 12203.1 | 13111.3 | 14717.9 | 17160.1 | 16898.4 |
| 45°   | 18050.9 | 17429.7 | 15014.3 | 14312.7 | 14055.7 | 13196.4 | 13362.0 | 13831.8 | 15151.4 | 17789.2 | 17563.7 |
| 47.5° | 18683.1 | 18019.3 | 15651.2 | 15242.9 | 15287.0 | 14943.3 | 14676.9 | 14670.6 | 15662.3 | 18303.1 | 18192.8 |
| 50°   | 19529.8 | 18837.6 | 16335.5 | 16201.5 | 17134.8 | 16906.2 | 16318.2 | 15649.7 | 16308.7 | 18886.5 | 18873.9 |
| 52.5° | 20696.5 | 20133.6 | 17171.1 | 17234.2 | 18859.7 | 19009.5 | 18281.1 | 16825.8 | 17320.9 | 19957.0 | 19881.3 |
| 55°   | 22076.0 | 21748.1 | 18309.4 | 18421.4 | 20975.5 | 21082.7 | 20359.1 | 18296.8 | 18809.2 | 21506.9 | 21297.2 |
| 57.5° | 23152.9 | 23083.5 | 19558.1 | 19846.7 | 22555.3 | 23037.8 | 22372.4 | 19999.6 | 20486.8 | 22812.3 | 22285.7 |
| 60°   | 23581.7 | 23917.5 | 20887.2 | 21284.5 | 24016.9 | 24551.3 | 23968.0 | 21495.8 | 21973.5 | 23353.1 | 22217.9 |
| 62.5° | 23349.9 | 24100.4 | 22303.1 | 22269.9 | 24343.2 | 24918.7 | 24508.8 | 22328.3 | 23075.6 | 22795.0 | 21093.8 |
| 65°   | 22279.4 | 23443.0 | 23124.5 | 22016.1 | 23227.0 | 23274.3 | 23141.8 | 21956.2 | 23335.7 | 21030.7 | 18921.2 |
| 67.5° | 19947.6 | 21621.9 | 22042.9 | 19840.4 | 20215.6 | 19908.1 | 19685.8 | 19919.2 | 21979.8 | 18386.7 | 15901.9 |
| 70°   | 16247.2 | 18766.7 | 18968.5 | 15868.8 | 15698.5 | 15492.0 | 15049.0 | 16330.8 | 19304.3 | 15069.5 | 12617.8 |
| 72.5° | 11946.1 | 14594.9 | 15214.5 | 11638.7 | 10850.4 | 10893.0 | 10542.9 | 12307.2 | 15695.4 | 11194.1 | 9420.4  |
| 75°   | 8173.3  | 10568.2 | 11903.6 | 8121.2  | 7175.3  | 7192.6  | 7148.5  | 8720.4  | 12501.1 | 7787.0  | 7049.1  |
| 77.5° | 5970.7  | 7550.5  | 8977.3  | 5459.9  | 5300.6  | 5202.9  | 5179.2  | 6101.6  | 9584.4  | 5653.8  | 5474.1  |
| 80°   | 4791.4  | 5578.1  | 6030.6  | 3783.9  | 4069.3  | 4061.4  | 3930.5  | 4195.4  | 6259.2  | 4135.5  | 4094.5  |
| 82.5° | 3323.5  | 4286.9  | 4886.0  | 2965.6  | 2746.5  | 2700.8  | 2732.3  | 3124.9  | 4424.0  | 2826.9  | 2688.2  |
| 85°   | 1753.2  | 2847.4  | 4838.7  | 2628.2  | 1630.2  | 1300.7  | 1617.6  | 2558.9  | 3832.8  | 1497.8  | 1311.8  |
| 87.5° | 223.9   | 823.0   | 3203.7  | 1048.5  | 643.3   | 346.9   | 767.8   | 1441.0  | 2461.1  | 305.9   | 266.5   |
| 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: P194643

CATALOG NUMBER: GLEON-AF-05-LED-E1-SLL-7060-1200

**CANDELA DISTRIBUTION (continued):**

|       | 95°     | 105°    | 115°    | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   | 185°   |
|-------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 9690.0  | 9690.0  | 9690.0  | 9690.0 | 9690.0 | 9690.0 | 9690.0 | 9690.0 | 9690.0 | 9690.0 | 9690.0 |
| 2.5°  | 10513.0 | 10303.3 | 10029.0 | 9775.1 | 9511.8 | 9250.1 | 8908.0 | 8693.6 | 8545.4 | 8517.0 | 8453.9 |
| 5°    | 10257.6 | 9560.7  | 9034.1  | 8578.5 | 8165.4 | 7582.0 | 7258.8 | 6990.8 | 6847.3 | 6833.1 | 6798.4 |
| 7.5°  | 9079.8  | 8118.1  | 7407.0  | 6762.2 | 6177.2 | 5705.8 | 5185.5 | 4942.7 | 4843.4 | 4867.1 | 4890.7 |
| 10°   | 7854.8  | 6779.5  | 5962.8  | 5303.8 | 4788.2 | 4390.9 | 3973.1 | 3690.9 | 3495.4 | 3456.0 | 3448.1 |
| 12.5° | 6959.3  | 5779.9  | 4986.9  | 4521.8 | 4122.9 | 3749.2 | 3306.2 | 2973.5 | 2719.7 | 2633.0 | 2574.6 |
| 15°   | 6580.9  | 5291.2  | 4460.3  | 3958.9 | 3519.0 | 3044.5 | 2633.0 | 2284.5 | 2051.2 | 1975.5 | 1933.0 |
| 17.5° | 6661.3  | 5155.6  | 4097.7  | 3456.0 | 2893.1 | 2398.1 | 1879.3 | 1581.4 | 1441.0 | 1404.8 | 1404.8 |
| 20°   | 7083.8  | 5130.4  | 3798.1  | 2992.4 | 2290.8 | 1717.0 | 1291.3 | 1121.0 | 1075.3 | 1070.5 | 1083.1 |
| 22.5° | 7676.6  | 5218.7  | 3574.2  | 2590.4 | 1780.0 | 1253.4 | 1005.9 | 942.8  | 922.3  | 927.1  | 941.2  |
| 25°   | 8559.5  | 5516.6  | 3411.8  | 2232.5 | 1396.9 | 1026.4 | 897.1  | 859.3  | 849.8  | 862.4  | 879.8  |
| 27.5° | 9606.4  | 5814.6  | 3310.9  | 1962.9 | 1179.3 | 938.1  | 853.0  | 813.5  | 819.8  | 835.6  | 851.4  |
| 30°   | 10525.6 | 6059.0  | 3151.7  | 1770.6 | 1111.5 | 942.8  | 853.0  | 799.4  | 793.0  | 796.2  | 800.9  |
| 32.5° | 11350.2 | 6224.5  | 2965.6  | 1587.7 | 958.6  | 837.2  | 796.2  | 788.3  | 753.6  | 741.0  | 742.6  |
| 35°   | 12061.2 | 6224.5  | 2853.7  | 1480.5 | 859.3  | 742.6  | 676.4  | 637.0  | 619.6  | 621.2  | 638.5  |
| 37.5° | 12747.1 | 6100.0  | 2798.5  | 1420.5 | 805.7  | 706.3  | 648.0  | 613.3  | 589.7  | 584.9  | 588.1  |
| 40°   | 13352.5 | 5918.7  | 2735.5  | 1395.3 | 764.7  | 684.3  | 629.1  | 600.7  | 575.5  | 567.6  | 569.2  |
| 42.5° | 13838.1 | 5772.1  | 2666.1  | 1362.2 | 739.4  | 668.5  | 616.5  | 591.2  | 562.9  | 555.0  | 553.4  |
| 45°   | 14363.1 | 5723.2  | 2574.6  | 1296.0 | 752.1  | 670.1  | 613.3  | 586.5  | 558.1  | 548.7  | 545.5  |
| 47.5° | 15055.3 | 5876.1  | 2480.0  | 1217.2 | 778.9  | 678.0  | 618.0  | 586.5  | 556.6  | 548.7  | 545.5  |
| 50°   | 15927.1 | 6235.6  | 2360.2  | 1102.1 | 752.1  | 700.0  | 616.5  | 581.8  | 556.6  | 548.7  | 542.4  |
| 52.5° | 17046.6 | 6721.2  | 2202.6  | 969.6  | 736.3  | 753.6  | 613.3  | 572.3  | 548.7  | 537.6  | 526.6  |
| 55°   | 18407.2 | 7118.5  | 2014.9  | 860.8  | 700.0  | 739.4  | 608.6  | 561.3  | 536.1  | 520.3  | 510.8  |
| 57.5° | 19403.6 | 7262.0  | 1773.7  | 789.9  | 649.6  | 715.8  | 602.3  | 547.1  | 520.3  | 507.7  | 495.1  |
| 60°   | 19206.5 | 6984.5  | 1570.3  | 745.7  | 619.6  | 646.4  | 597.5  | 534.5  | 506.1  | 496.6  | 485.6  |
| 62.5° | 17628.3 | 6259.2  | 1439.5  | 725.3  | 600.7  | 589.7  | 602.3  | 521.9  | 493.5  | 484.0  | 480.9  |
| 65°   | 15261.8 | 5188.7  | 1387.4  | 720.5  | 584.9  | 556.6  | 559.7  | 507.7  | 479.3  | 471.4  | 468.3  |
| 67.5° | 12589.4 | 4187.5  | 1341.7  | 736.3  | 564.4  | 532.9  | 517.1  | 488.8  | 465.1  | 457.2  | 450.9  |
| 70°   | 9928.1  | 3482.8  | 1321.2  | 726.8  | 539.2  | 509.3  | 491.9  | 468.3  | 447.8  | 439.9  | 435.2  |
| 72.5° | 7995.1  | 2942.0  | 1310.2  | 717.4  | 506.1  | 477.7  | 462.0  | 441.5  | 419.4  | 416.2  | 411.5  |
| 75°   | 6765.3  | 2312.9  | 1199.8  | 687.4  | 468.3  | 439.9  | 428.8  | 409.9  | 387.9  | 387.9  | 384.7  |
| 77.5° | 5218.7  | 1672.8  | 998.0   | 608.6  | 428.8  | 397.3  | 387.9  | 373.7  | 348.4  | 353.2  | 351.6  |
| 80°   | 3854.9  | 1091.0  | 780.4   | 504.5  | 380.0  | 350.0  | 345.3  | 331.1  | 304.3  | 310.6  | 310.6  |
| 82.5° | 2640.9  | 715.8   | 561.3   | 413.1  | 324.8  | 296.4  | 296.4  | 282.2  | 252.3  | 255.4  | 264.9  |
| 85°   | 1325.9  | 491.9   | 419.4   | 320.1  | 252.3  | 238.1  | 238.1  | 227.0  | 197.1  | 198.7  | 211.3  |
| 87.5° | 403.6   | 296.4   | 277.5   | 228.6  | 181.3  | 178.2  | 170.3  | 162.4  | 143.5  | 141.9  | 149.8  |
| 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: P194643

CATALOG NUMBER: GLEON-AF-05-LED-E1-SLL-7060-1200

**CANDELA DISTRIBUTION (continued):**

|       | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   | 285°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 9690.0 | 9690.0 | 9690.0 | 9690.0 | 9690.0 | 9690.0 | 9690.0 | 9690.0 | 9690.0 | 9690.0 | 9690.0 |
| 2.5°  | 8357.7 | 8267.9 | 8159.1 | 7919.4 | 7839.0 | 7834.3 | 7906.8 | 7831.1 | 7976.2 | 7914.7 | 7982.5 |
| 5°    | 6740.1 | 6651.8 | 6530.4 | 6224.5 | 6038.5 | 5912.4 | 5852.5 | 5675.9 | 5803.6 | 5710.6 | 5787.8 |
| 7.5°  | 4956.9 | 4977.4 | 4897.0 | 4717.3 | 4312.1 | 4108.7 | 3988.9 | 3881.7 | 3974.7 | 3965.2 | 4113.4 |
| 10°   | 3484.4 | 3539.5 | 3482.8 | 3301.5 | 2973.5 | 2861.6 | 2883.7 | 2926.2 | 3047.6 | 3110.7 | 3339.3 |
| 12.5° | 2508.4 | 2505.3 | 2469.0 | 2306.6 | 2090.6 | 2103.2 | 2193.1 | 2267.2 | 2379.1 | 2445.4 | 2678.7 |
| 15°   | 1873.0 | 1844.7 | 1828.9 | 1696.5 | 1573.5 | 1600.3 | 1644.4 | 1652.3 | 1723.3 | 1762.7 | 1951.9 |
| 17.5° | 1415.8 | 1430.0 | 1447.3 | 1352.8 | 1259.7 | 1242.4 | 1207.7 | 1165.1 | 1185.6 | 1193.5 | 1288.1 |
| 20°   | 1124.1 | 1180.9 | 1223.5 | 1157.2 | 1062.7 | 1012.2 | 968.1  | 939.7  | 939.7  | 938.1  | 964.9  |
| 22.5° | 982.2  | 1023.2 | 1069.0 | 1023.2 | 938.1  | 894.0  | 868.7  | 846.7  | 843.5  | 843.5  | 868.7  |
| 25°   | 905.0  | 934.9  | 979.1  | 947.6  | 884.5  | 851.4  | 827.7  | 799.4  | 788.3  | 785.2  | 802.5  |
| 27.5° | 867.1  | 879.8  | 901.8  | 873.5  | 819.8  | 804.1  | 797.8  | 772.6  | 758.4  | 750.5  | 767.8  |
| 30°   | 802.5  | 799.4  | 800.9  | 772.6  | 730.0  | 728.4  | 739.4  | 744.2  | 739.4  | 737.9  | 764.7  |
| 32.5° | 742.6  | 736.3  | 734.7  | 709.5  | 670.1  | 660.6  | 670.1  | 679.5  | 690.6  | 706.3  | 737.9  |
| 35°   | 666.9  | 682.7  | 692.1  | 670.1  | 622.8  | 594.4  | 583.4  | 566.0  | 556.6  | 556.6  | 592.8  |
| 37.5° | 607.0  | 643.3  | 657.5  | 637.0  | 584.9  | 545.5  | 526.6  | 523.4  | 525.0  | 531.3  | 566.0  |
| 40°   | 586.5  | 613.3  | 625.9  | 605.4  | 553.4  | 517.1  | 506.1  | 502.9  | 506.1  | 515.6  | 550.2  |
| 42.5° | 573.9  | 592.8  | 591.2  | 566.0  | 523.4  | 498.2  | 491.9  | 488.8  | 491.9  | 501.4  | 539.2  |
| 45°   | 562.9  | 575.5  | 562.9  | 532.9  | 493.5  | 480.9  | 482.4  | 480.9  | 484.0  | 493.5  | 529.7  |
| 47.5° | 553.4  | 558.1  | 542.4  | 512.4  | 471.4  | 468.3  | 474.6  | 479.3  | 482.4  | 490.3  | 528.2  |
| 50°   | 539.2  | 539.2  | 525.0  | 493.5  | 452.5  | 454.1  | 462.0  | 473.0  | 474.6  | 484.0  | 514.0  |
| 52.5° | 521.9  | 520.3  | 510.8  | 480.9  | 436.7  | 441.5  | 441.5  | 454.1  | 457.2  | 468.3  | 499.8  |
| 55°   | 507.7  | 504.5  | 499.8  | 471.4  | 422.5  | 430.4  | 425.7  | 430.4  | 438.3  | 449.3  | 484.0  |
| 57.5° | 495.1  | 488.8  | 488.8  | 463.5  | 411.5  | 414.7  | 403.6  | 409.9  | 419.4  | 428.8  | 465.1  |
| 60°   | 482.4  | 476.1  | 479.3  | 452.5  | 394.2  | 391.0  | 386.3  | 398.9  | 402.0  | 413.1  | 449.3  |
| 62.5° | 468.3  | 463.5  | 465.1  | 439.9  | 381.5  | 373.7  | 373.7  | 384.7  | 386.3  | 402.0  | 436.7  |
| 65°   | 457.2  | 450.9  | 449.3  | 427.3  | 367.4  | 357.9  | 362.6  | 367.4  | 370.5  | 386.3  | 419.4  |
| 67.5° | 446.2  | 433.6  | 433.6  | 416.2  | 351.6  | 342.1  | 351.6  | 350.0  | 354.7  | 368.9  | 395.7  |
| 70°   | 432.0  | 414.7  | 416.2  | 408.3  | 335.8  | 324.8  | 332.7  | 331.1  | 334.2  | 343.7  | 370.5  |
| 72.5° | 409.9  | 395.7  | 398.9  | 395.7  | 320.1  | 304.3  | 307.4  | 307.4  | 307.4  | 315.3  | 343.7  |
| 75°   | 381.5  | 370.5  | 380.0  | 387.9  | 301.1  | 279.1  | 282.2  | 282.2  | 277.5  | 282.2  | 316.9  |
| 77.5° | 346.9  | 340.6  | 372.1  | 361.0  | 279.1  | 252.3  | 252.3  | 249.1  | 239.6  | 246.0  | 283.8  |
| 80°   | 309.0  | 304.3  | 343.7  | 302.7  | 253.8  | 219.2  | 216.0  | 208.1  | 198.7  | 203.4  | 241.2  |
| 82.5° | 269.6  | 264.9  | 288.5  | 231.8  | 219.2  | 181.3  | 173.4  | 159.2  | 149.8  | 154.5  | 189.2  |
| 85°   | 220.7  | 220.7  | 222.3  | 175.0  | 167.1  | 138.7  | 129.3  | 110.4  | 99.3   | 102.5  | 135.6  |
| 87.5° | 157.7  | 162.4  | 149.8  | 119.8  | 99.3   | 77.3   | 70.9   | 59.9   | 50.5   | 58.3   | 70.9   |
| 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: P194643

CATALOG NUMBER: GLEON-AF-05-LED-E1-SLL-7060-1200

**CANDELA DISTRIBUTION (continued):**

|       | 295°   | 305°   | 315°   | 325°   | 335°   | 345°    | 355°    | 360°    |
|-------|--------|--------|--------|--------|--------|---------|---------|---------|
| 0°    | 9690.0 | 9690.0 | 9690.0 | 9690.0 | 9690.0 | 9690.0  | 9690.0  | 9690.0  |
| 2.5°  | 8329.4 | 8502.8 | 8699.9 | 8952.1 | 9168.1 | 9522.9  | 9863.4  | 10068.4 |
| 5°    | 6227.7 | 6516.2 | 6875.7 | 7337.7 | 7768.1 | 8414.5  | 9056.2  | 9467.7  |
| 7.5°  | 4457.1 | 4766.2 | 5154.0 | 5731.1 | 6339.6 | 7164.2  | 8012.4  | 8504.4  |
| 10°   | 3687.7 | 4004.6 | 4331.0 | 4720.4 | 5218.7 | 6115.8  | 7118.5  | 7673.5  |
| 12.5° | 3050.8 | 3389.8 | 3741.4 | 4151.3 | 4613.2 | 5414.2  | 6569.8  | 7208.4  |
| 15°   | 2335.0 | 2713.4 | 3128.0 | 3646.8 | 4225.4 | 5150.9  | 6434.2  | 7128.0  |
| 17.5° | 1600.3 | 2022.8 | 2532.1 | 3172.2 | 3880.1 | 5065.7  | 6677.0  | 7476.4  |
| 20°   | 1102.1 | 1409.5 | 1953.4 | 2703.9 | 3555.3 | 5054.7  | 7143.7  | 8144.9  |
| 22.5° | 922.3  | 1059.5 | 1456.8 | 2273.5 | 3310.9 | 5190.3  | 7867.4  | 9083.0  |
| 25°   | 853.0  | 934.9  | 1163.6 | 1899.8 | 3132.8 | 5502.4  | 8863.8  | 10297.0 |
| 27.5° | 812.0  | 886.1  | 1056.3 | 1655.5 | 2992.4 | 5865.1  | 9833.5  | 11473.2 |
| 30°   | 827.7  | 903.4  | 1026.4 | 1530.9 | 2801.7 | 6167.8  | 10694.3 | 12390.8 |
| 32.5° | 745.7  | 778.9  | 879.8  | 1420.5 | 2664.5 | 6421.6  | 11447.9 | 13150.7 |
| 35°   | 635.4  | 693.7  | 785.2  | 1368.5 | 2667.7 | 6591.9  | 12269.4 | 14121.9 |
| 37.5° | 605.4  | 663.8  | 730.0  | 1349.6 | 2703.9 | 6773.2  | 13212.2 | 15260.2 |
| 40°   | 586.5  | 640.1  | 696.9  | 1338.6 | 2738.6 | 6938.8  | 14136.1 | 16385.9 |
| 42.5° | 573.9  | 622.8  | 693.7  | 1300.7 | 2756.0 | 7087.0  | 14896.0 | 17343.0 |
| 45°   | 572.3  | 622.8  | 706.3  | 1262.9 | 2782.8 | 7246.2  | 15533.0 | 18050.9 |
| 47.5° | 573.9  | 643.3  | 682.7  | 1217.2 | 2782.8 | 7512.7  | 16280.3 | 18683.1 |
| 50°   | 567.6  | 678.0  | 657.5  | 1152.5 | 2718.1 | 8017.2  | 17305.1 | 19529.8 |
| 52.5° | 564.4  | 673.2  | 608.6  | 1053.2 | 2606.2 | 8818.1  | 18618.5 | 20696.5 |
| 55°   | 556.6  | 649.6  | 573.9  | 905.0  | 2475.3 | 9691.6  | 20024.8 | 22076.0 |
| 57.5° | 548.7  | 575.5  | 555.0  | 775.7  | 2273.5 | 10306.5 | 20992.9 | 23152.9 |
| 60°   | 614.9  | 502.9  | 539.2  | 712.6  | 2003.9 | 10475.2 | 20955.0 | 23581.7 |
| 62.5° | 569.2  | 471.4  | 518.7  | 698.4  | 1814.7 | 10002.2 | 19987.0 | 23349.9 |
| 65°   | 446.2  | 450.9  | 498.2  | 739.4  | 1764.3 | 8748.7  | 18271.6 | 22279.4 |
| 67.5° | 408.3  | 430.4  | 477.7  | 791.5  | 1769.0 | 7005.0  | 15708.0 | 19947.6 |
| 70°   | 384.7  | 408.3  | 454.1  | 818.3  | 1781.6 | 5221.8  | 12419.1 | 16247.2 |
| 72.5° | 357.9  | 378.4  | 427.3  | 823.0  | 1699.6 | 3793.4  | 9571.7  | 11946.1 |
| 75°   | 326.4  | 345.3  | 389.4  | 717.4  | 1407.9 | 2631.4  | 7321.9  | 8173.3  |
| 77.5° | 290.1  | 304.3  | 342.1  | 553.4  | 1045.3 | 1683.8  | 5496.1  | 5970.7  |
| 80°   | 247.5  | 255.4  | 286.9  | 405.2  | 715.8  | 1053.2  | 4348.4  | 4791.4  |
| 82.5° | 198.7  | 201.8  | 222.3  | 304.3  | 465.1  | 676.4   | 2912.0  | 3323.5  |
| 85°   | 140.3  | 140.3  | 152.9  | 220.7  | 316.9  | 428.8   | 1581.4  | 1753.2  |
| 87.5° | 66.2   | 67.8   | 67.8   | 121.4  | 165.5  | 217.6   | 364.2   | 223.9   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     |

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