

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: P560230

Luminaire Tested: **SDL-PA1-30-750-U-T2U-A**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P560230  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/26/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: SDL-PA1-30-750-U-T2U-A  
Description: Springdale  
(1) 70 CRI, 5000K, 375mA LIGHT ENGINE WITH 24 LEDS AND TYPE II U OPTICS  
AND CLEAR PANELS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3613.5 lumens  
Efficiency: N/A  
Efficacy: 120.0 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 1.21' x L: 1.21' x H: 0.96')  
IES Classification: Type II - Medium  
BUG Rating: B1 - U3 - G1

Input Watts (W): 30.1  
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: 24 FT



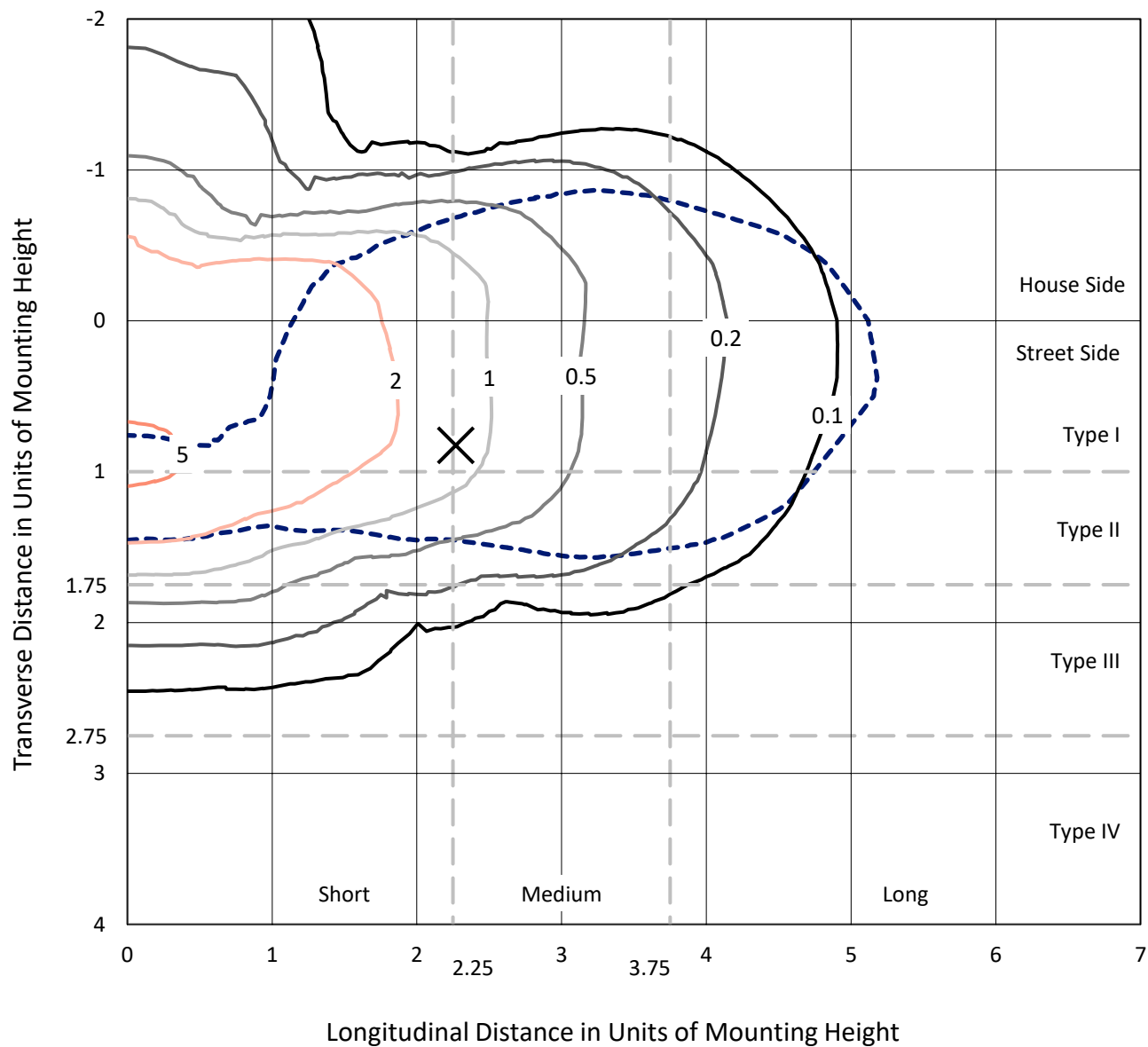
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## Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd



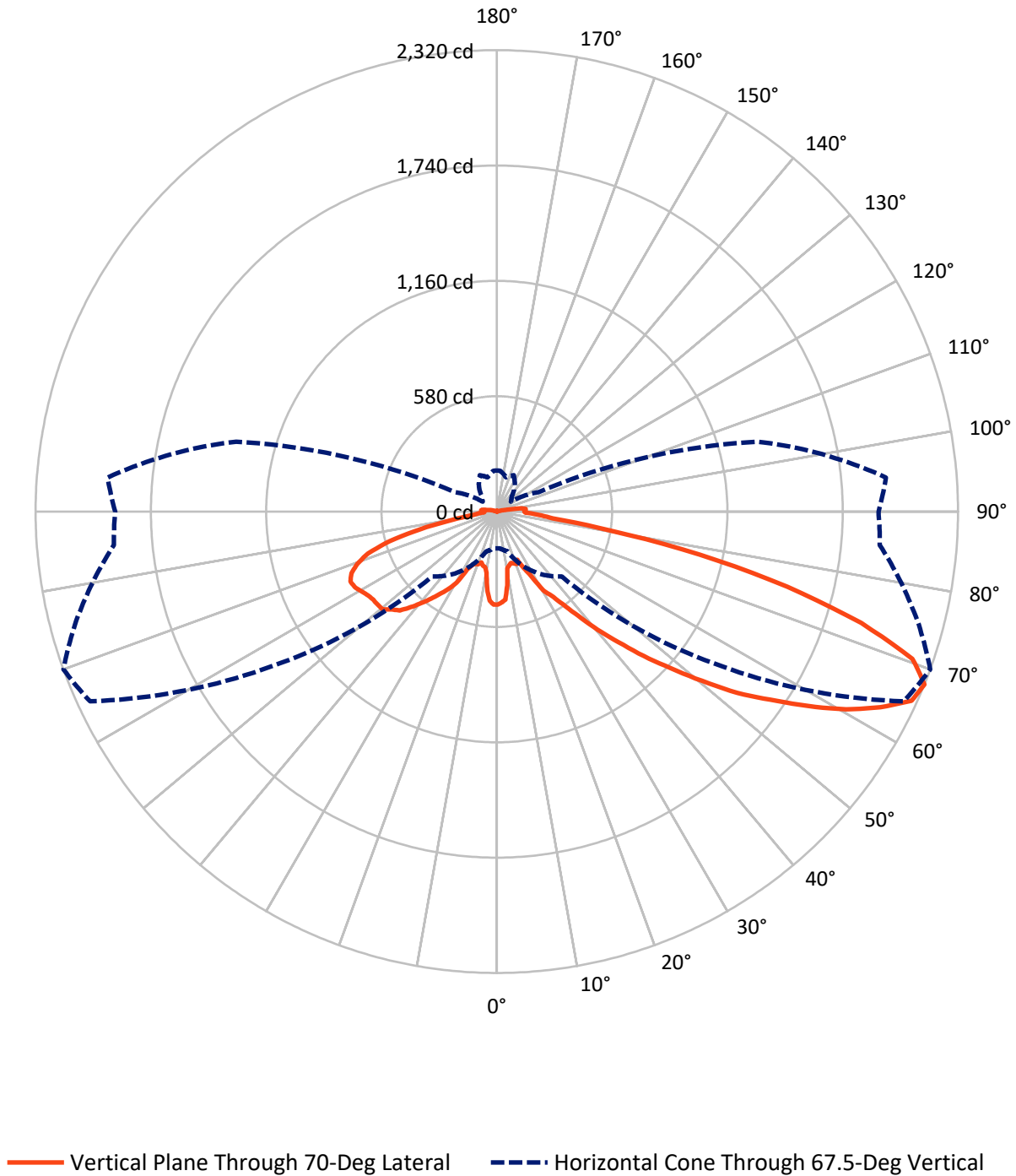
Based on 10 foot mounting height. Maximum calculated value = 6 fc

Type II - Medium - N/A

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## Luminous Intensity Polar Plot



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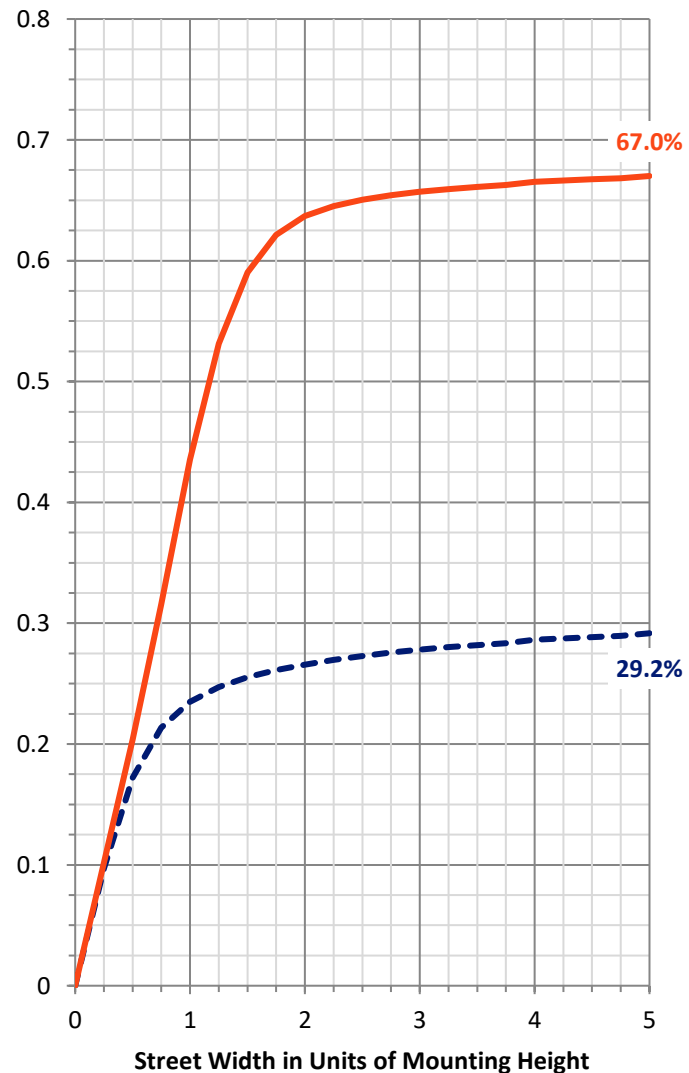
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1086.8   | 42.6   | 1129.5 |
|                    | % Fixture | 30.1     | 1.2    | 31.3   |
| <b>Street Side</b> | Lumens    | 2442.8   | 41.2   | 2484.0 |
|                    | % Fixture | 67.6     | 1.1    | 68.7   |
| <b>Total</b>       | Lumens    | 3529.6   | 83.9   | 3613.5 |
|                    | % Fixture | 97.7     | 2.3    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 37.5   | 1.0       |
| 10°-20°   | 86.7   | 2.4       |
| 20°-30°   | 153.8  | 4.3       |
| 30°-40°   | 324.0  | 9.0       |
| 40°-50°   | 605.8  | 16.8      |
| 50°-60°   | 839.0  | 23.2      |
| 60°-70°   | 809.1  | 22.4      |
| 70°-80°   | 531.9  | 14.7      |
| 80°-90°   | 141.8  | 3.9       |
| 90°-100°  | 58.1   | 1.6       |
| 100°-110° | 12.7   | 0.4       |
| 110°-120° | 5.5    | 0.2       |
| 120°-130° | 4.0    | 0.1       |
| 130°-140° | 1.8    | 0.0       |
| 140°-150° | 0.9    | 0.0       |
| 150°-160° | 0.8    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 3529.6 | 97.7      |
| 0°-180°   | 3613.5 | 100.0     |



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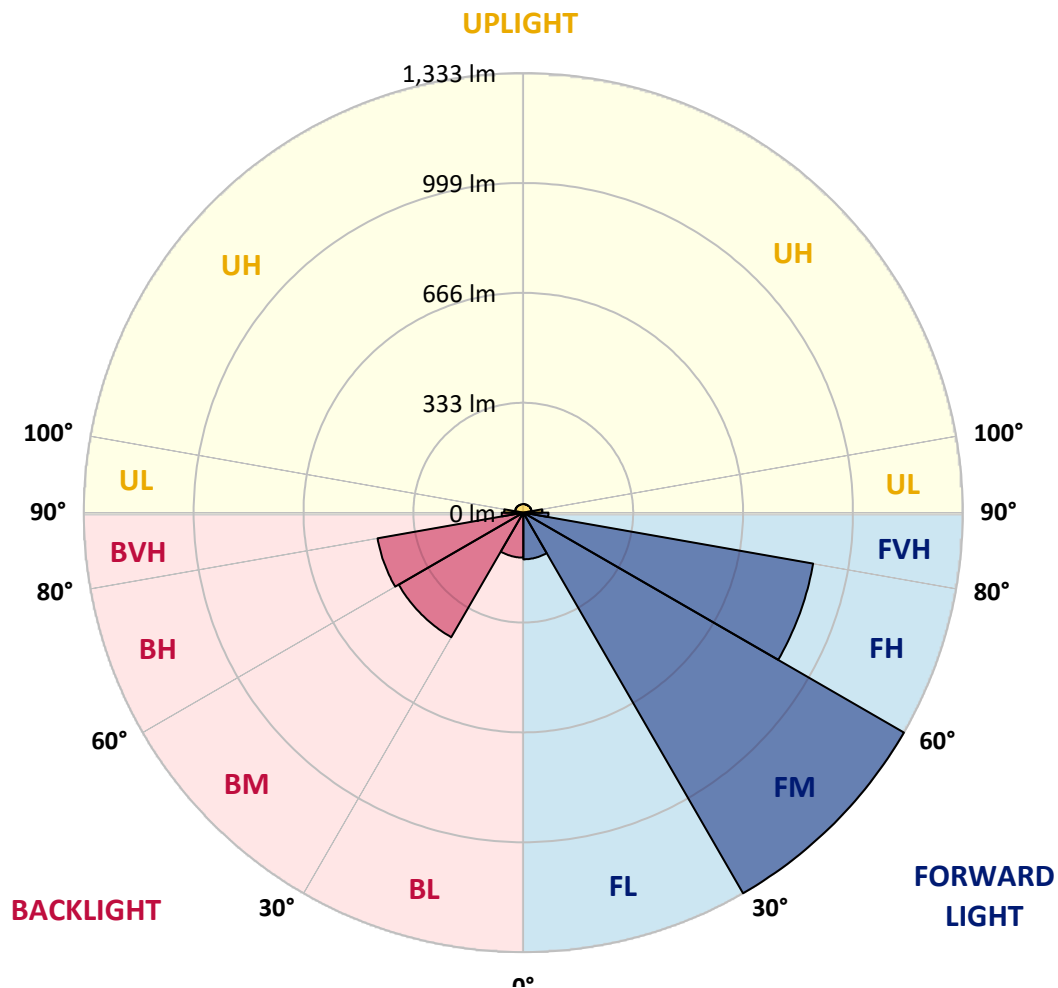
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|------|-------------|--------|-----------|-------------------------|--------|---------|
|      |             |        |           | B                       | U      | G       |
| FL   | (0°-30°)    | 141.6  | 3.9       |                         |        |         |
| FM   | (30°-60°)   | 1332.6 | 36.9      |                         |        |         |
| FH   | (60°-80°)   | 892.3  | 24.7      |                         |        | G1/1800 |
| FVH  | (80°-90°)   | 76.3   | 2.1       |                         |        | G1/100  |
| BL   | (0°-30°)    | 136.4  | 3.8       | B1/500                  |        |         |
| BM   | (30°-60°)   | 436.3  | 12.1      | B1/1000                 |        |         |
| BH   | (60°-80°)   | 448.7  | 12.4      | B1/500                  |        | G1/500  |
| BVH  | (80°-90°)   | 65.5   | 1.8       |                         |        | G1/100  |
| UL   | (90°-100°)  | 58.1   | 1.6       |                         | U3/500 |         |
| UH   | (100°-180°) | 25.7   | 0.7       |                         | U2/50  |         |

**BUG Rating: B1-U3-G1**

Type II Medium





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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 70°    | 75°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 467.6  | 467.6  | 467.6  | 467.6  | 467.6  | 467.6  | 467.6  | 467.6  | 467.6  | 467.6  | 467.6  |
| 2.5°   | 390.4  | 422.1  | 412.5  | 442.8  | 449.7  | 456.6  | 458.0  | 459.4  | 458.0  | 459.4  | 462.1  |
| 5°     | 368.3  | 369.7  | 371.1  | 373.8  | 373.8  | 376.6  | 382.1  | 440.0  | 445.6  | 449.7  | 455.2  |
| 7.5°   | 307.6  | 321.4  | 347.6  | 357.3  | 361.4  | 366.9  | 369.7  | 369.7  | 375.2  | 389.0  | 398.7  |
| 10°    | 342.1  | 339.3  | 340.7  | 342.1  | 322.8  | 318.7  | 289.7  | 285.5  | 289.7  | 299.3  | 344.9  |
| 12.5°  | 286.9  | 300.7  | 329.7  | 336.6  | 313.1  | 277.3  | 273.1  | 278.7  | 277.3  | 249.7  | 292.4  |
| 15°    | 332.5  | 331.1  | 328.3  | 322.8  | 262.1  | 274.5  | 235.9  | 238.6  | 267.6  | 286.9  | 326.9  |
| 17.5°  | 289.7  | 288.3  | 326.9  | 315.9  | 275.9  | 213.8  | 269.0  | 249.7  | 273.1  | 252.4  | 270.4  |
| 20°    | 360.0  | 358.7  | 354.5  | 263.5  | 281.4  | 284.2  | 260.7  | 241.4  | 281.4  | 291.1  | 328.3  |
| 22.5°  | 326.9  | 326.9  | 353.1  | 346.2  | 285.5  | 300.7  | 248.3  | 293.8  | 263.5  | 267.6  | 248.3  |
| 25°    | 449.7  | 445.6  | 440.0  | 321.4  | 343.5  | 275.9  | 307.6  | 270.4  | 314.5  | 340.7  | 357.3  |
| 27.5°  | 435.9  | 427.6  | 422.1  | 426.3  | 344.9  | 361.4  | 304.9  | 336.6  | 362.8  | 373.8  | 416.6  |
| 30°    | 612.5  | 601.4  | 584.9  | 446.9  | 429.0  | 369.7  | 368.3  | 416.6  | 459.4  | 493.8  | 517.3  |
| 32.5°  | 780.8  | 783.5  | 698.0  | 600.1  | 474.5  | 493.8  | 438.7  | 488.3  | 502.1  | 538.0  | 551.8  |
| 35°    | 1001.5 | 973.9  | 920.1  | 749.1  | 578.0  | 558.7  | 510.4  | 557.3  | 571.1  | 605.6  | 613.9  |
| 37.5°  | 1175.3 | 1176.7 | 1093.9 | 900.8  | 692.5  | 675.9  | 591.8  | 640.1  | 664.9  | 703.5  | 689.7  |
| 40°    | 1342.2 | 1349.1 | 1282.9 | 1056.7 | 837.3  | 791.8  | 689.7  | 746.3  | 780.8  | 804.2  | 780.8  |
| 42.5°  | 1491.2 | 1489.8 | 1444.3 | 1229.1 | 972.5  | 946.3  | 793.2  | 866.3  | 896.7  | 918.7  | 900.8  |
| 45°    | 1608.5 | 1604.3 | 1562.9 | 1369.8 | 1132.5 | 1168.4 | 928.4  | 1004.3 | 1036.0 | 1060.8 | 1016.7 |
| 47.5°  | 1648.5 | 1626.4 | 1608.5 | 1471.9 | 1281.5 | 1364.3 | 1095.3 | 1138.1 | 1175.3 | 1218.1 | 1146.3 |
| 50°    | 1605.7 | 1576.7 | 1583.6 | 1520.2 | 1407.1 | 1528.4 | 1274.6 | 1292.6 | 1338.1 | 1375.3 | 1269.1 |
| 52.5°  | 1427.7 | 1420.9 | 1459.5 | 1471.9 | 1460.9 | 1654.0 | 1476.0 | 1425.0 | 1514.7 | 1518.8 | 1396.0 |
| 55°    | 1193.2 | 1185.0 | 1276.0 | 1327.0 | 1409.8 | 1703.6 | 1647.1 | 1611.2 | 1669.2 | 1662.3 | 1509.1 |
| 57.5°  | 961.5  | 956.0  | 1038.7 | 1122.9 | 1266.3 | 1676.1 | 1767.1 | 1815.4 | 1844.3 | 1805.7 | 1614.0 |
| 60°    | 644.2  | 655.2  | 797.3  | 910.4  | 1036.0 | 1510.5 | 1812.6 | 2005.7 | 2019.5 | 1936.8 | 1724.3 |
| 62.5°  | 411.1  | 426.3  | 517.3  | 702.1  | 773.9  | 1226.3 | 1779.5 | 2175.4 | 2167.1 | 2055.4 | 1826.4 |
| 65°    | 263.5  | 269.0  | 313.1  | 475.9  | 554.5  | 812.5  | 1631.9 | 2291.3 | 2292.7 | 2161.6 | 1907.8 |
| 67.5°  | 184.8  | 186.2  | 206.9  | 296.6  | 383.5  | 462.1  | 1327.0 | 2258.2 | 2320.3 | 2197.5 | 1934.0 |
| 70°    | 165.5  | 166.9  | 172.4  | 201.4  | 291.1  | 286.9  | 804.2  | 2018.2 | 2218.2 | 2150.6 | 1894.0 |
| 72.5°  | 147.6  | 149.0  | 158.6  | 175.2  | 223.5  | 224.9  | 384.9  | 1607.1 | 1917.5 | 1983.7 | 1775.4 |
| 75°    | 122.8  | 125.5  | 136.6  | 164.2  | 172.4  | 189.0  | 258.0  | 1129.8 | 1509.1 | 1709.2 | 1634.7 |
| 77.5°  | 103.5  | 104.8  | 113.1  | 139.3  | 150.4  | 153.1  | 220.7  | 626.3  | 1042.9 | 1258.1 | 1440.2 |
| 80°    | 82.8   | 82.8   | 89.7   | 110.4  | 124.2  | 125.5  | 197.3  | 331.1  | 578.0  | 761.5  | 1001.5 |
| 82.5°  | 53.8   | 55.2   | 63.5   | 82.8   | 92.4   | 124.2  | 175.2  | 241.4  | 282.8  | 366.9  | 455.2  |
| 85°    | 34.5   | 34.5   | 40.0   | 46.9   | 55.2   | 95.2   | 154.5  | 200.0  | 211.1  | 230.4  | 206.9  |
| 87.5°  | 16.6   | 16.6   | 15.2   | 17.9   | 20.7   | 35.9   | 107.6  | 142.1  | 143.5  | 140.7  | 151.7  |
| 90°    | 13.8   | 13.8   | 11.0   | 12.4   | 13.8   | 19.3   | 81.4   | 139.3  | 137.9  | 143.5  | 157.3  |
| 92.5°  | 15.2   | 15.2   | 11.0   | 12.4   | 13.8   | 16.6   | 59.3   | 140.7  | 144.8  | 151.7  | 166.9  |
| 95°    | 16.6   | 16.6   | 11.0   | 11.0   | 12.4   | 15.2   | 37.2   | 121.4  | 146.2  | 153.1  | 172.4  |
| 97.5°  | 15.2   | 15.2   | 8.3    | 9.7    | 11.0   | 13.8   | 23.5   | 91.0   | 114.5  | 120.0  | 136.6  |
| 100°   | 13.8   | 13.8   | 6.9    | 8.3    | 9.7    | 11.0   | 15.2   | 46.9   | 49.7   | 37.2   | 52.4   |
| 102.5° | 12.4   | 13.8   | 5.5    | 6.9    | 6.9    | 6.9    | 9.7    | 22.1   | 22.1   | 12.4   | 13.8   |
| 105°   | 12.4   | 13.8   | 5.5    | 5.5    | 4.1    | 5.5    | 5.5    | 8.3    | 9.7    | 6.9    | 11.0   |
| 107.5° | 13.8   | 13.8   | 5.5    | 5.5    | 4.1    | 4.1    | 4.1    | 5.5    | 6.9    | 5.5    | 11.0   |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°  | 5°  | 15° | 25° | 35° | 45° | 55° | 65° | 70° | 75° | 85°  |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 112.5° | 8.3 | 8.3 | 4.1 | 5.5 | 2.8 | 2.8 | 2.8 | 4.1 | 5.5 | 6.9 | 15.2 |
| 115°   | 6.9 | 5.5 | 2.8 | 4.1 | 2.8 | 2.8 | 2.8 | 4.1 | 4.1 | 5.5 | 12.4 |
| 117.5° | 6.9 | 5.5 | 2.8 | 2.8 | 1.4 | 2.8 | 2.8 | 4.1 | 4.1 | 5.5 | 11.0 |
| 120°   | 6.9 | 6.9 | 2.8 | 1.4 | 1.4 | 1.4 | 1.4 | 2.8 | 4.1 | 6.9 | 12.4 |
| 122.5° | 8.3 | 6.9 | 2.8 | 2.8 | 1.4 | 1.4 | 1.4 | 2.8 | 4.1 | 6.9 | 12.4 |
| 125°   | 8.3 | 8.3 | 4.1 | 2.8 | 1.4 | 1.4 | 1.4 | 2.8 | 4.1 | 5.5 | 11.0 |
| 127.5° | 8.3 | 6.9 | 4.1 | 2.8 | 1.4 | 1.4 | 1.4 | 1.4 | 2.8 | 4.1 | 9.7  |
| 130°   | 6.9 | 6.9 | 4.1 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 2.8 | 2.8 | 6.9  |
| 132.5° | 5.5 | 5.5 | 4.1 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 2.8 | 5.5  |
| 135°   | 4.1 | 4.1 | 2.8 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 4.1  |
| 137.5° | 2.8 | 2.8 | 2.8 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4  |
| 140°   | 0.0 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4  |
| 142.5° | 0.0 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4  |
| 145°   | 0.0 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4  |
| 147.5° | 1.4 | 1.4 | 1.4 | 2.8 | 2.8 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4  |
| 150°   | 2.8 | 2.8 | 5.5 | 4.1 | 2.8 | 1.4 | 2.8 | 1.4 | 1.4 | 1.4 | 1.4  |
| 152.5° | 4.1 | 4.1 | 5.5 | 4.1 | 1.4 | 1.4 | 1.4 | 2.8 | 1.4 | 1.4 | 1.4  |
| 155°   | 2.8 | 2.8 | 2.8 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 2.8 | 2.8 | 4.1  |
| 157.5° | 0.0 | 0.0 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0  |
| 160°   | 0.0 | 0.0 | 0.0 | 1.4 | 1.4 | 1.4 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0  |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 165°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 170°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 175°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
| 180°   | 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):**

|        | 90°    | 95°    | 105°   | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 467.6  | 467.6  | 467.6  | 467.6 | 467.6 | 467.6 | 467.6 | 467.6 | 467.6 | 467.6 | 467.6 |
| 2.5°   | 463.5  | 463.5  | 467.6  | 469.0 | 467.6 | 466.3 | 458.0 | 433.2 | 418.0 | 419.4 | 419.4 |
| 5°     | 456.6  | 458.0  | 462.1  | 437.3 | 406.9 | 409.7 | 413.8 | 415.2 | 415.2 | 418.0 | 418.0 |
| 7.5°   | 402.8  | 404.2  | 393.1  | 397.3 | 406.9 | 413.8 | 416.6 | 409.7 | 387.6 | 379.4 | 379.4 |
| 10°    | 349.0  | 349.0  | 310.4  | 311.8 | 322.8 | 343.5 | 408.3 | 415.2 | 422.1 | 423.5 | 422.1 |
| 12.5°  | 295.2  | 296.6  | 264.9  | 304.9 | 291.1 | 328.3 | 376.6 | 416.6 | 384.9 | 353.1 | 357.3 |
| 15°    | 329.7  | 332.5  | 298.0  | 262.1 | 269.0 | 324.2 | 281.4 | 386.3 | 389.0 | 389.0 | 389.0 |
| 17.5°  | 264.9  | 280.0  | 263.5  | 270.4 | 298.0 | 244.2 | 318.7 | 353.1 | 324.2 | 315.9 | 315.9 |
| 20°    | 329.7  | 329.7  | 300.7  | 260.7 | 275.9 | 317.3 | 282.8 | 314.5 | 369.7 | 369.7 | 368.3 |
| 22.5°  | 245.5  | 245.5  | 263.5  | 302.1 | 277.3 | 313.1 | 299.3 | 325.6 | 293.8 | 293.8 | 302.1 |
| 25°    | 354.5  | 350.4  | 320.0  | 267.6 | 315.9 | 289.7 | 300.7 | 284.2 | 332.5 | 336.6 | 333.8 |
| 27.5°  | 427.6  | 424.9  | 343.5  | 307.6 | 296.6 | 309.0 | 270.4 | 264.9 | 255.2 | 293.8 | 289.7 |
| 30°    | 506.3  | 499.4  | 449.7  | 371.1 | 325.6 | 260.7 | 244.2 | 253.8 | 281.4 | 282.8 | 281.4 |
| 32.5°  | 543.5  | 528.3  | 473.2  | 444.2 | 332.5 | 269.0 | 219.3 | 226.2 | 280.0 | 296.6 | 296.6 |
| 35°    | 594.5  | 578.0  | 515.9  | 484.2 | 331.1 | 237.3 | 194.5 | 219.3 | 252.4 | 253.8 | 253.8 |
| 37.5°  | 664.9  | 640.1  | 587.7  | 507.6 | 309.0 | 209.7 | 179.3 | 194.5 | 218.0 | 224.9 | 227.6 |
| 40°    | 746.3  | 714.6  | 667.7  | 522.8 | 277.3 | 176.6 | 160.0 | 179.3 | 197.3 | 191.7 | 191.7 |
| 42.5°  | 860.8  | 813.9  | 746.3  | 546.3 | 237.3 | 155.9 | 146.2 | 164.2 | 176.6 | 179.3 | 178.0 |
| 45°    | 968.4  | 910.4  | 838.7  | 554.5 | 193.1 | 140.7 | 136.6 | 155.9 | 168.3 | 164.2 | 164.2 |
| 47.5°  | 1089.8 | 1016.7 | 907.7  | 535.2 | 158.6 | 132.4 | 136.6 | 150.4 | 155.9 | 162.8 | 162.8 |
| 50°    | 1209.8 | 1131.2 | 1008.4 | 504.9 | 140.7 | 126.9 | 136.6 | 144.8 | 155.9 | 160.0 | 158.6 |
| 52.5°  | 1318.8 | 1249.8 | 1069.1 | 451.1 | 131.0 | 122.8 | 132.4 | 144.8 | 158.6 | 165.5 | 165.5 |
| 55°    | 1437.4 | 1367.1 | 1124.3 | 402.8 | 122.8 | 114.5 | 136.6 | 150.4 | 154.5 | 158.6 | 158.6 |
| 57.5°  | 1527.1 | 1471.9 | 1185.0 | 360.0 | 117.3 | 114.5 | 139.3 | 157.3 | 155.9 | 160.0 | 160.0 |
| 60°    | 1636.0 | 1587.8 | 1240.1 | 339.3 | 109.0 | 109.0 | 144.8 | 169.7 | 158.6 | 171.1 | 171.1 |
| 62.5°  | 1751.9 | 1723.0 | 1293.9 | 324.2 | 100.7 | 106.2 | 146.2 | 179.3 | 164.2 | 183.5 | 184.8 |
| 65°    | 1863.7 | 1869.2 | 1343.6 | 288.3 | 93.8  | 106.2 | 149.0 | 191.7 | 169.7 | 194.5 | 197.3 |
| 67.5°  | 1920.2 | 1965.7 | 1357.4 | 231.8 | 86.9  | 104.8 | 157.3 | 201.4 | 178.0 | 205.5 | 206.9 |
| 70°    | 1909.2 | 1968.5 | 1325.7 | 171.1 | 81.4  | 110.4 | 169.7 | 209.7 | 182.1 | 219.3 | 219.3 |
| 72.5°  | 1812.6 | 1855.4 | 1231.9 | 129.7 | 75.9  | 106.2 | 172.4 | 212.4 | 184.8 | 241.4 | 241.4 |
| 75°    | 1676.1 | 1631.9 | 1013.9 | 107.6 | 71.7  | 106.2 | 168.3 | 209.7 | 182.1 | 235.9 | 234.5 |
| 77.5°  | 1454.0 | 1306.4 | 699.4  | 95.2  | 67.6  | 102.1 | 157.3 | 204.2 | 173.8 | 219.3 | 222.1 |
| 80°    | 932.5  | 804.2  | 357.3  | 82.8  | 71.7  | 97.9  | 151.7 | 189.0 | 161.4 | 195.9 | 197.3 |
| 82.5°  | 424.9  | 357.3  | 162.8  | 73.1  | 70.4  | 88.3  | 137.9 | 168.3 | 140.7 | 166.9 | 165.5 |
| 85°    | 179.3  | 182.1  | 128.3  | 62.1  | 62.1  | 69.0  | 102.1 | 131.0 | 109.0 | 117.3 | 114.5 |
| 87.5°  | 139.3  | 133.8  | 88.3   | 37.2  | 40.0  | 30.3  | 66.2  | 93.8  | 71.7  | 75.9  | 74.5  |
| 90°    | 147.6  | 144.8  | 93.8   | 38.6  | 29.0  | 17.9  | 49.7  | 73.1  | 53.8  | 48.3  | 46.9  |
| 92.5°  | 157.3  | 155.9  | 104.8  | 41.4  | 29.0  | 15.2  | 42.8  | 59.3  | 38.6  | 33.1  | 31.7  |
| 95°    | 168.3  | 168.3  | 114.5  | 44.1  | 29.0  | 15.2  | 38.6  | 45.5  | 29.0  | 22.1  | 20.7  |
| 97.5°  | 133.8  | 136.6  | 97.9   | 45.5  | 27.6  | 15.2  | 34.5  | 37.2  | 22.1  | 12.4  | 12.4  |
| 100°   | 53.8   | 59.3   | 53.8   | 45.5  | 24.8  | 12.4  | 27.6  | 29.0  | 15.2  | 6.9   | 6.9   |
| 102.5° | 12.4   | 15.2   | 37.2   | 40.0  | 19.3  | 8.3   | 17.9  | 17.9  | 9.7   | 4.1   | 4.1   |
| 105°   | 12.4   | 11.0   | 24.8   | 31.7  | 11.0  | 5.5   | 8.3   | 11.0  | 5.5   | 2.8   | 2.8   |
| 107.5° | 12.4   | 12.4   | 11.0   | 15.2  | 5.5   | 4.1   | 4.1   | 4.1   | 2.8   | 2.8   | 2.8   |



REPORT NUMBER: P560230

CATALOG NUMBER: SDL-PA1-30-750-U-T2U-A

**CANDELA DISTRIBUTION (continued):**

|        | 90°  | 95°  | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 16.6 | 15.2 | 6.9  | 5.5  | 4.1  | 4.1  | 2.8  | 2.8  | 4.1  | 13.8 | 13.8 |
| 115°   | 13.8 | 12.4 | 6.9  | 4.1  | 4.1  | 4.1  | 2.8  | 1.4  | 4.1  | 15.2 | 15.2 |
| 117.5° | 12.4 | 11.0 | 6.9  | 4.1  | 2.8  | 4.1  | 2.8  | 1.4  | 4.1  | 15.2 | 15.2 |
| 120°   | 13.8 | 12.4 | 6.9  | 4.1  | 2.8  | 2.8  | 2.8  | 1.4  | 4.1  | 13.8 | 13.8 |
| 122.5° | 13.8 | 13.8 | 8.3  | 2.8  | 2.8  | 1.4  | 2.8  | 1.4  | 4.1  | 12.4 | 12.4 |
| 125°   | 12.4 | 11.0 | 6.9  | 2.8  | 1.4  | 1.4  | 1.4  | 1.4  | 5.5  | 11.0 | 12.4 |
| 127.5° | 11.0 | 9.7  | 5.5  | 2.8  | 1.4  | 1.4  | 1.4  | 1.4  | 4.1  | 8.3  | 9.7  |
| 130°   | 8.3  | 8.3  | 4.1  | 2.8  | 1.4  | 1.4  | 1.4  | 1.4  | 4.1  | 8.3  | 6.9  |
| 132.5° | 5.5  | 5.5  | 4.1  | 2.8  | 1.4  | 1.4  | 1.4  | 1.4  | 4.1  | 5.5  | 5.5  |
| 135°   | 4.1  | 4.1  | 2.8  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 2.8  | 4.1  | 4.1  |
| 137.5° | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 2.8  | 2.8  |
| 140°   | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  |
| 142.5° | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  |
| 145°   | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  |
| 147.5° | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  |
| 150°   | 1.4  | 1.4  | 1.4  | 1.4  | 2.8  | 1.4  | 1.4  | 2.8  | 1.4  | 1.4  | 1.4  |
| 152.5° | 1.4  | 1.4  | 1.4  | 2.8  | 1.4  | 1.4  | 1.4  | 1.4  | 4.1  | 4.1  | 2.8  |
| 155°   | 4.1  | 4.1  | 2.8  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 2.8  | 1.4  | 1.4  |
| 157.5° | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 0.0  | 1.4  | 0.0  | 0.0  | 1.4  | 0.0  |
| 160°   | 0.0  | 0.0  | 1.4  | 1.4  | 1.4  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 162.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 165°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 167.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 170°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 172.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 175°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 177.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 180°   | 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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110° | 12.4 12.4 4.1 5.5 2.8 2.8 2.8 4.1 5.5 12.4





|      |      |      |     |     |     |     |     |     |     |     |     |
|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 110° | 13.8 | 12.4 | 5.5 | 5.5 | 4.1 | 4.1 | 2.8 | 2.8 | 1.4 | 8.3 | 9.7 |
|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|

(END OF REPORT)