

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: INVUE

Report Number: P139980

Luminaire Tested: **ENV-E01-LED-E1-SLL**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P139980  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33647)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ENV-E01-LED-E1-SLL  
Description: ENTRI LED LUMINAIRE  
(1) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT  
Light Source: (21) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2434.6 lumens  
Efficiency: N/A  
Efficacy: 98.6 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.17' x H: 0')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B1 - U0 - G1

Input Watts (W): 24.7  
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



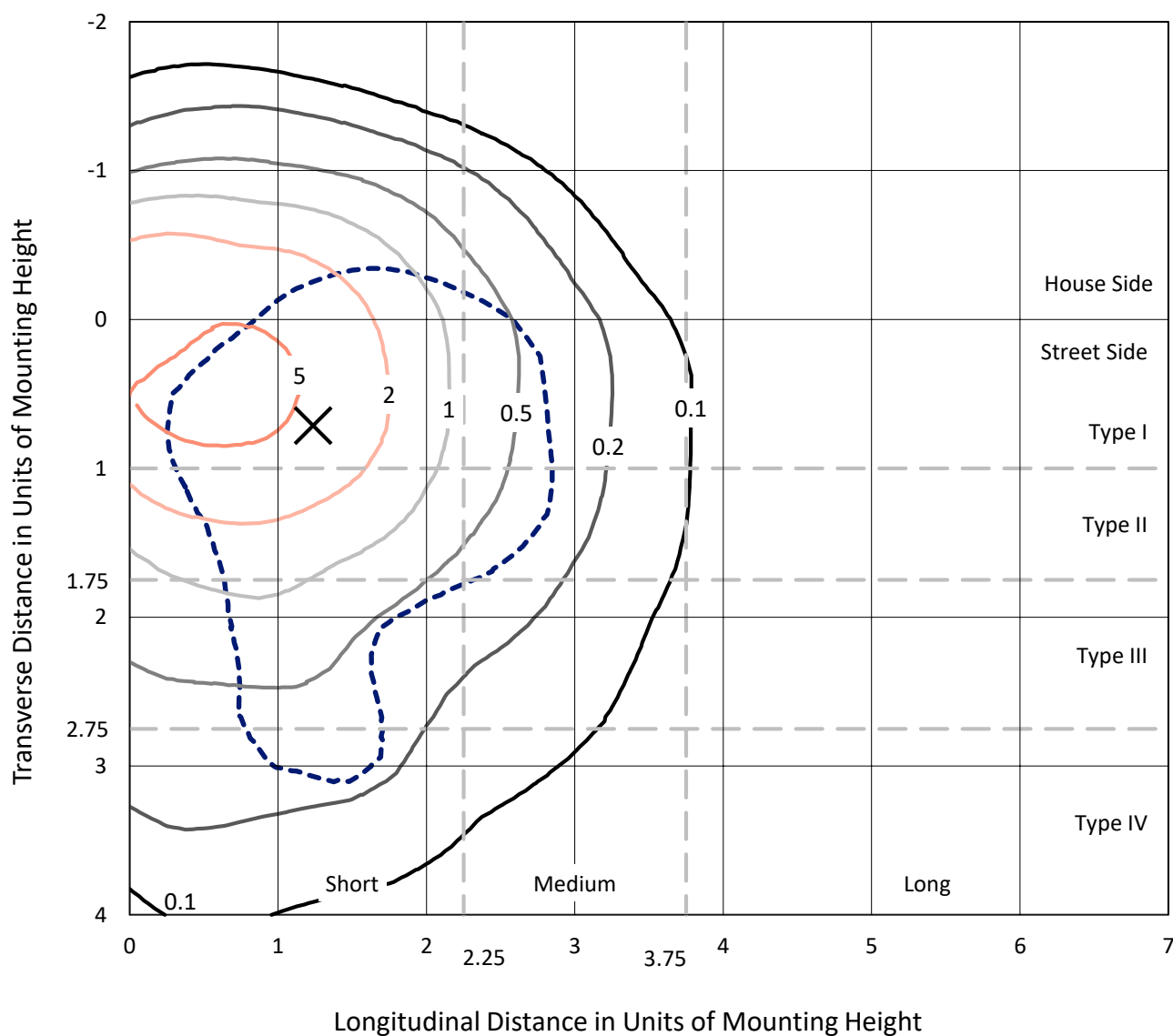
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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

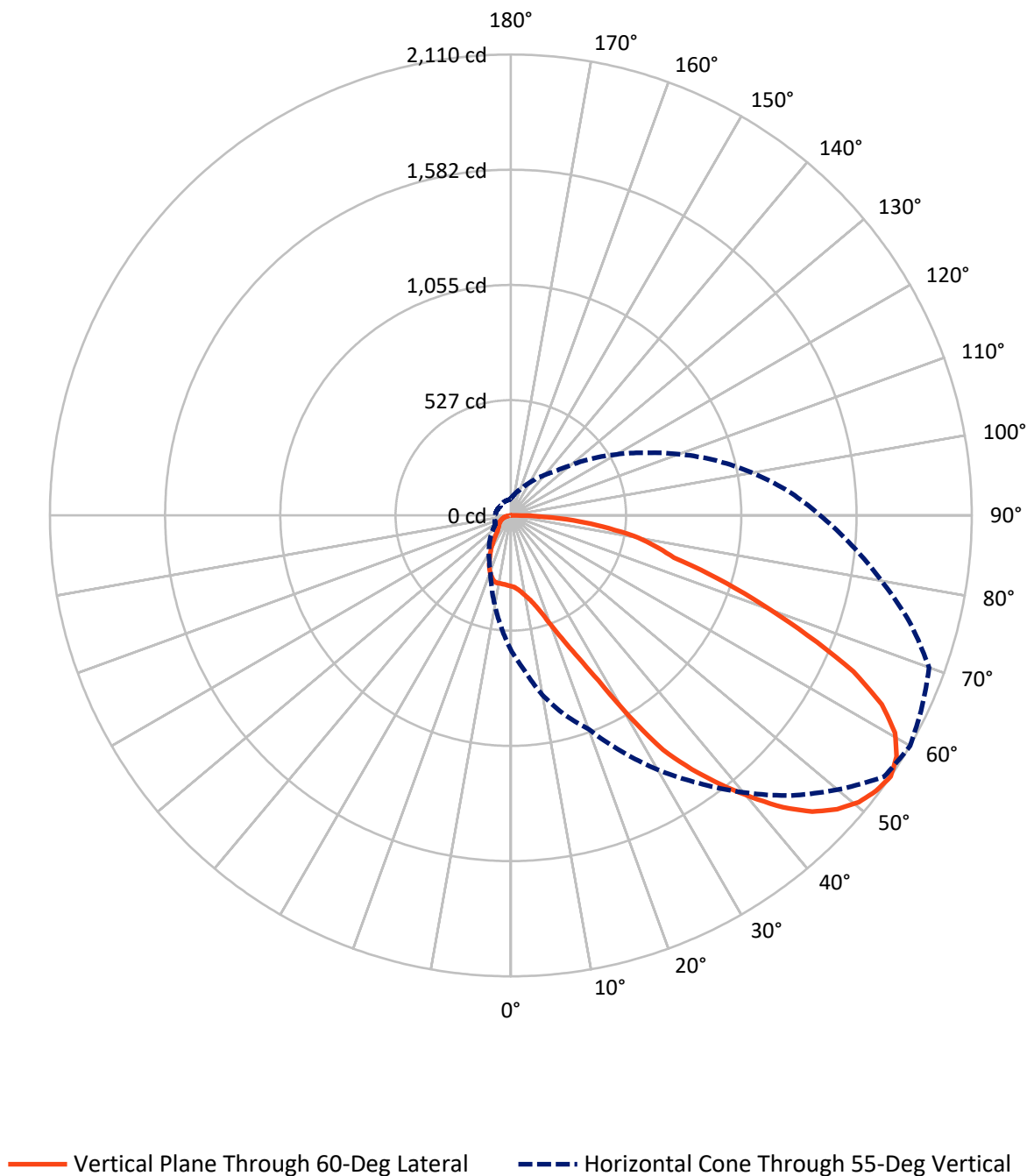


Based on 10 foot mounting height. Maximum calculated value = 7.9 fc  
 Type IV - Short - Non-Cutoff

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## Luminous Intensity Polar Plot



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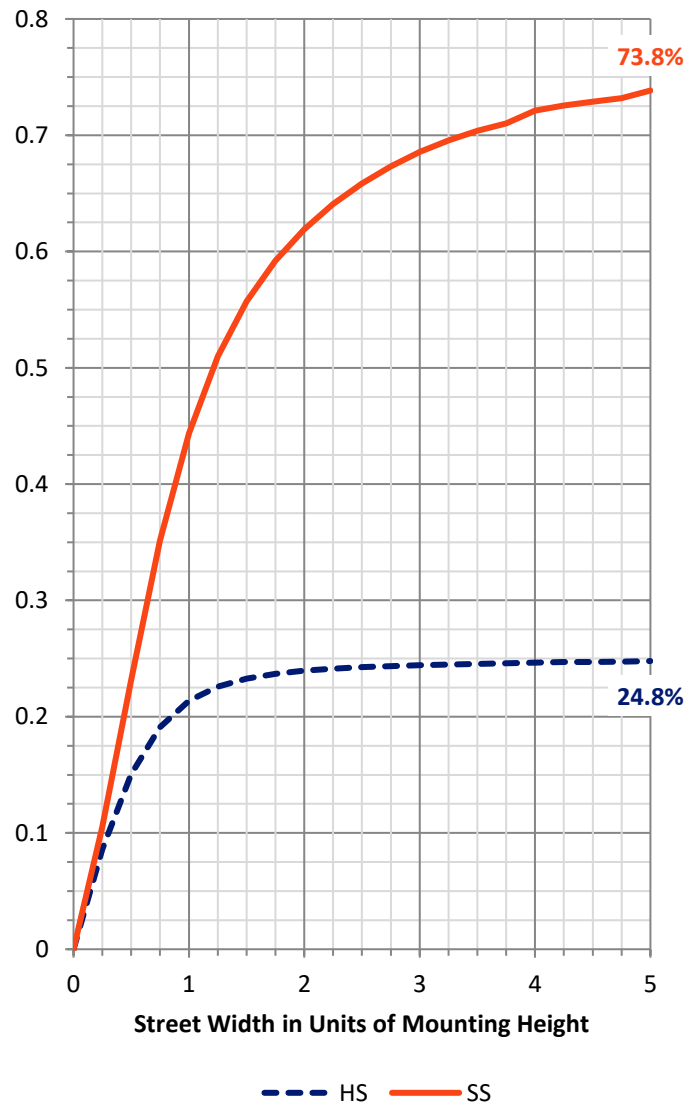
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 608.5    | 0.0    | 608.5  |
|                    | % Fixture | 25.0     | 0.0    | 25.0   |
| <b>Street Side</b> | Lumens    | 1826.1   | 0.0    | 1826.1 |
|                    | % Fixture | 75.0     | 0.0    | 75.0   |
| <b>Total</b>       | Lumens    | 2434.6   | 0.0    | 2434.6 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 32.0   | 1.3       |
| 10°-20°   | 105.1  | 4.3       |
| 20°-30°   | 203.9  | 8.4       |
| 30°-40°   | 320.4  | 13.2      |
| 40°-50°   | 428.3  | 17.6      |
| 50°-60°   | 502.5  | 20.6      |
| 60°-70°   | 476.7  | 19.6      |
| 70°-80°   | 287.8  | 11.8      |
| 80°-90°   | 78.0   | 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°    | 2434.6 | 100.0     |
| 0°-180°   | 2434.6 | 100.0     |

**Coefficient of Utilization**



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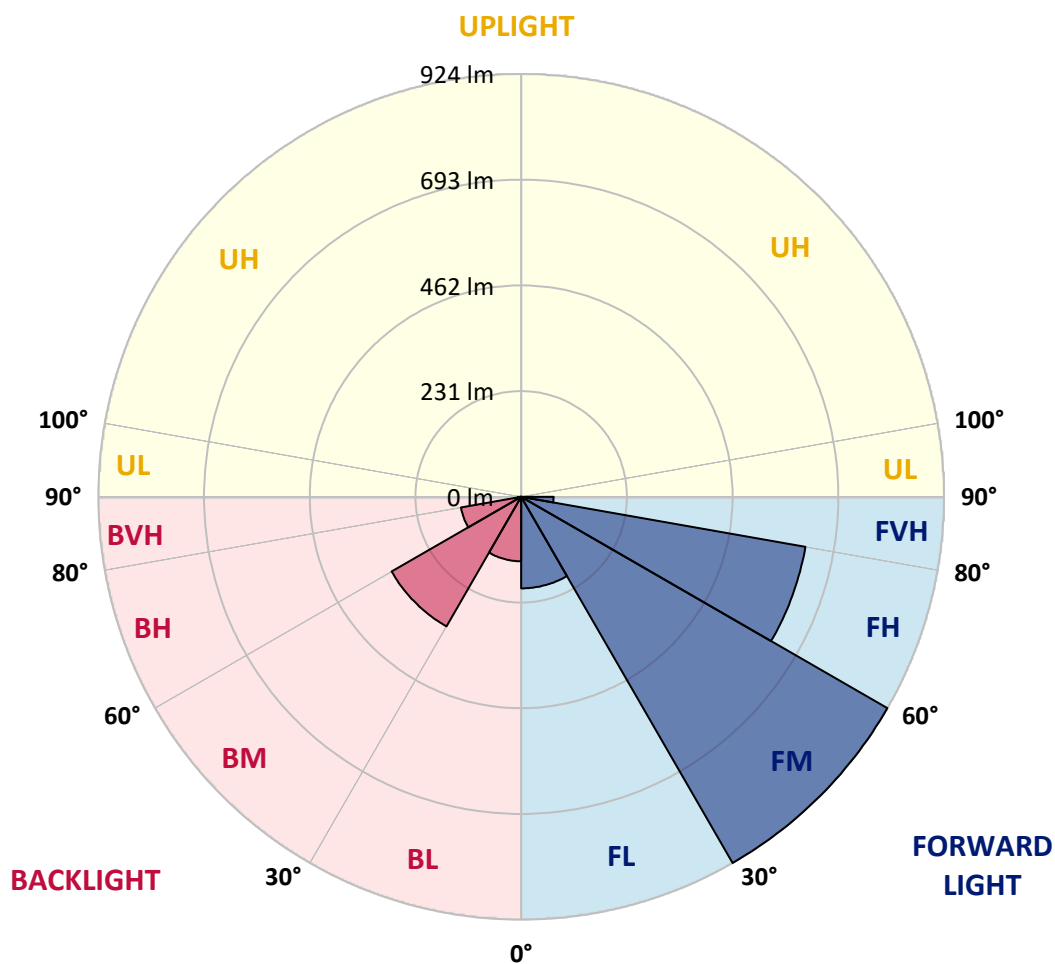
CATALOG NUMBER: ENV-E01-LED-E1-SLL

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |        |
|------|-------------|--------|-----------|-------------------------|------|--------|
|      |             |        |           | B                       | U    | G      |
| FL   | (0°-30°)    | 200.1  | 8.2       |                         |      |        |
| FM   | (30°-60°)   | 924.2  | 38.0      |                         |      |        |
| FH   | (60°-80°)   | 630.9  | 25.9      |                         |      | G0/660 |
| FVH  | (80°-90°)   | 70.9   | 2.9       |                         |      | G1/100 |
| BL   | (0°-30°)    | 140.8  | 5.8       | B1/500                  |      |        |
| BM   | (30°-60°)   | 327.0  | 13.4      | B1/1000                 |      |        |
| BH   | (60°-80°)   | 133.6  | 5.5       | B1/500                  |      | G1/500 |
| BVH  | (80°-90°)   | 7.1    | 0.3       |                         |      | G0/10  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |        |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |        |

**BUG Rating: B1-U0-G1**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 324.5 | 324.5  | 324.5  | 324.5  | 324.5  | 324.5  | 324.5  | 324.5  | 324.5  | 324.5  | 324.5  |
| 2.5°  | 331.5 | 331.0  | 331.5  | 331.0  | 331.0  | 331.0  | 331.5  | 331.0  | 329.5  | 329.5  | 330.0  |
| 5°    | 339.5 | 339.5  | 339.5  | 340.0  | 340.0  | 340.5  | 341.5  | 340.5  | 340.0  | 342.5  | 340.5  |
| 7.5°  | 349.0 | 349.0  | 350.5  | 351.0  | 352.5  | 352.5  | 354.5  | 354.0  | 356.0  | 357.5  | 356.0  |
| 10°   | 363.5 | 362.0  | 365.5  | 365.5  | 369.5  | 370.0  | 372.0  | 372.5  | 376.0  | 379.0  | 376.5  |
| 12.5° | 384.5 | 385.5  | 391.5  | 392.5  | 397.5  | 397.5  | 397.5  | 399.5  | 402.0  | 404.0  | 401.5  |
| 15°   | 422.0 | 424.0  | 432.0  | 432.5  | 441.0  | 437.5  | 441.5  | 442.0  | 441.5  | 443.0  | 439.5  |
| 17.5° | 470.5 | 476.0  | 487.5  | 490.0  | 494.0  | 501.0  | 501.0  | 500.0  | 502.5  | 504.0  | 494.5  |
| 20°   | 530.0 | 539.5  | 552.5  | 557.5  | 568.5  | 580.5  | 580.0  | 578.0  | 578.5  | 574.5  | 564.0  |
| 22.5° | 597.0 | 618.5  | 640.0  | 648.0  | 656.0  | 671.0  | 680.5  | 677.5  | 680.0  | 671.0  | 661.5  |
| 25°   | 673.5 | 708.5  | 741.0  | 753.0  | 782.0  | 808.5  | 812.5  | 810.5  | 799.5  | 791.0  | 781.5  |
| 27.5° | 720.5 | 766.5  | 811.0  | 841.5  | 891.0  | 933.5  | 942.0  | 956.0  | 959.5  | 966.5  | 943.5  |
| 30°   | 730.5 | 788.0  | 843.5  | 890.0  | 949.5  | 1000.0 | 1056.0 | 1097.5 | 1125.5 | 1147.5 | 1132.5 |
| 32.5° | 737.5 | 802.5  | 864.0  | 922.5  | 971.5  | 1045.0 | 1115.5 | 1177.0 | 1259.0 | 1289.0 | 1317.5 |
| 35°   | 739.5 | 814.0  | 883.5  | 949.5  | 1013.0 | 1086.0 | 1161.5 | 1229.0 | 1340.0 | 1429.0 | 1490.0 |
| 37.5° | 736.5 | 822.5  | 904.0  | 984.5  | 1060.0 | 1140.5 | 1220.0 | 1286.0 | 1394.0 | 1509.0 | 1591.0 |
| 40°   | 724.5 | 819.5  | 912.5  | 1003.0 | 1094.5 | 1194.0 | 1285.0 | 1356.5 | 1457.5 | 1593.5 | 1702.5 |
| 42.5° | 709.0 | 807.0  | 909.5  | 1009.0 | 1112.0 | 1229.0 | 1339.0 | 1426.0 | 1537.5 | 1675.0 | 1799.0 |
| 45°   | 689.5 | 791.5  | 897.5  | 1002.5 | 1113.5 | 1243.5 | 1369.0 | 1480.5 | 1599.0 | 1752.0 | 1871.5 |
| 47.5° | 665.5 | 769.5  | 881.5  | 988.0  | 1103.5 | 1244.0 | 1383.0 | 1510.5 | 1640.5 | 1805.0 | 1934.0 |
| 50°   | 643.0 | 746.5  | 863.5  | 968.5  | 1084.5 | 1231.5 | 1381.5 | 1524.0 | 1666.0 | 1836.0 | 1971.5 |
| 52.5° | 625.5 | 727.0  | 848.0  | 953.0  | 1062.5 | 1211.0 | 1366.5 | 1517.5 | 1670.0 | 1840.0 | 1978.5 |
| 55°   | 614.5 | 711.0  | 835.0  | 942.5  | 1040.5 | 1189.0 | 1343.5 | 1495.0 | 1655.0 | 1813.5 | 1952.5 |
| 57.5° | 616.0 | 708.0  | 827.5  | 940.5  | 1024.5 | 1170.0 | 1317.5 | 1463.0 | 1608.5 | 1759.5 | 1903.0 |
| 60°   | 631.5 | 714.5  | 823.5  | 926.5  | 1034.5 | 1172.0 | 1306.0 | 1427.5 | 1544.0 | 1683.0 | 1817.0 |
| 62.5° | 670.5 | 742.0  | 830.0  | 936.0  | 1055.0 | 1191.0 | 1298.5 | 1372.5 | 1442.0 | 1581.0 | 1717.5 |
| 65°   | 744.5 | 806.5  | 877.0  | 970.0  | 1086.5 | 1217.5 | 1268.0 | 1283.0 | 1327.5 | 1460.0 | 1595.5 |
| 67.5° | 817.0 | 890.5  | 930.5  | 990.0  | 1099.0 | 1225.0 | 1231.5 | 1167.0 | 1166.0 | 1295.0 | 1393.0 |
| 70°   | 887.0 | 993.5  | 1009.5 | 1042.5 | 1117.0 | 1217.0 | 1193.5 | 1069.0 | 1012.5 | 1030.0 | 1087.0 |
| 72.5° | 841.0 | 1000.5 | 1012.0 | 1022.0 | 1066.5 | 1159.5 | 1132.5 | 964.5  | 838.0  | 815.5  | 880.0  |
| 75°   | 642.0 | 844.5  | 871.5  | 854.0  | 878.5  | 949.5  | 944.5  | 813.0  | 770.0  | 785.0  | 810.0  |
| 77.5° | 462.0 | 651.0  | 709.5  | 652.5  | 646.0  | 692.0  | 679.0  | 690.0  | 771.5  | 793.5  | 787.5  |
| 80°   | 268.0 | 413.5  | 497.0  | 442.5  | 423.0  | 452.0  | 503.0  | 580.0  | 669.0  | 716.5  | 725.5  |
| 82.5° | 167.5 | 244.0  | 332.0  | 311.0  | 284.5  | 335.5  | 414.5  | 468.5  | 512.5  | 556.0  | 558.5  |
| 85°   | 72.5  | 104.5  | 162.0  | 170.0  | 210.5  | 256.0  | 319.0  | 334.5  | 382.5  | 416.0  | 387.0  |
| 87.5° | 2.5   | 2.5    | 39.0   | 58.0   | 103.0  | 185.0  | 250.5  | 224.0  | 227.0  | 199.0  | 185.5  |
| 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):**

|       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°  |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0°    | 324.5  | 324.5  | 324.5  | 324.5  | 324.5  | 324.5  | 324.5  | 324.5  | 324.5  | 324.5  | 324.5 |
| 2.5°  | 330.0  | 329.0  | 329.5  | 328.0  | 328.0  | 328.5  | 328.5  | 327.0  | 327.0  | 327.0  | 326.5 |
| 5°    | 341.5  | 340.5  | 340.0  | 339.0  | 337.5  | 338.5  | 337.0  | 336.0  | 334.5  | 334.0  | 332.5 |
| 7.5°  | 356.5  | 355.0  | 354.5  | 352.0  | 350.0  | 349.0  | 348.0  | 344.5  | 343.0  | 342.0  | 340.0 |
| 10°   | 374.0  | 374.0  | 373.0  | 368.0  | 366.5  | 363.0  | 359.5  | 355.5  | 352.5  | 348.0  | 345.5 |
| 12.5° | 396.5  | 398.0  | 394.5  | 390.0  | 386.5  | 379.5  | 373.0  | 367.5  | 361.5  | 355.0  | 351.0 |
| 15°   | 430.0  | 431.0  | 424.0  | 420.0  | 414.5  | 406.5  | 396.5  | 387.5  | 378.5  | 369.5  | 362.0 |
| 17.5° | 479.5  | 478.0  | 468.0  | 464.0  | 454.5  | 441.0  | 427.5  | 415.5  | 402.0  | 389.5  | 380.0 |
| 20°   | 551.0  | 545.0  | 519.0  | 517.5  | 505.5  | 486.5  | 467.0  | 449.5  | 431.5  | 415.5  | 399.5 |
| 22.5° | 638.0  | 624.5  | 605.5  | 584.0  | 561.0  | 540.0  | 517.0  | 492.5  | 470.0  | 450.0  | 432.5 |
| 25°   | 751.5  | 721.5  | 704.0  | 675.0  | 655.0  | 618.0  | 586.0  | 566.5  | 536.0  | 513.0  | 490.5 |
| 27.5° | 903.0  | 855.5  | 830.0  | 798.5  | 754.0  | 728.0  | 684.5  | 647.0  | 614.5  | 576.5  | 551.5 |
| 30°   | 1099.5 | 1064.5 | 1000.5 | 956.5  | 895.0  | 832.0  | 778.5  | 729.5  | 687.0  | 641.5  | 604.5 |
| 32.5° | 1301.5 | 1279.5 | 1204.5 | 1122.5 | 1029.0 | 936.5  | 858.0  | 797.5  | 742.0  | 691.0  | 648.5 |
| 35°   | 1473.0 | 1427.5 | 1354.0 | 1268.0 | 1148.0 | 1041.0 | 941.5  | 864.5  | 795.5  | 732.0  | 678.5 |
| 37.5° | 1583.5 | 1563.5 | 1489.0 | 1391.5 | 1260.0 | 1144.5 | 1041.5 | 950.5  | 864.5  | 781.5  | 712.5 |
| 40°   | 1706.5 | 1695.0 | 1632.5 | 1513.0 | 1391.5 | 1250.0 | 1132.5 | 1036.5 | 944.0  | 845.0  | 754.5 |
| 42.5° | 1816.5 | 1827.0 | 1763.0 | 1658.0 | 1517.5 | 1358.0 | 1233.0 | 1126.5 | 1021.0 | 920.0  | 815.5 |
| 45°   | 1915.0 | 1934.0 | 1887.0 | 1789.5 | 1635.5 | 1461.0 | 1330.5 | 1214.5 | 1099.5 | 989.0  | 872.5 |
| 47.5° | 1989.0 | 2009.5 | 1970.0 | 1893.5 | 1733.0 | 1547.0 | 1416.0 | 1286.0 | 1165.5 | 1038.5 | 915.0 |
| 50°   | 2051.0 | 2063.0 | 2033.0 | 1966.0 | 1812.0 | 1630.5 | 1484.5 | 1348.0 | 1214.5 | 1077.5 | 942.5 |
| 52.5° | 2087.0 | 2094.0 | 2064.5 | 2016.0 | 1872.0 | 1692.5 | 1538.0 | 1391.0 | 1249.0 | 1104.5 | 960.5 |
| 55°   | 2085.0 | 2109.5 | 2076.0 | 2037.0 | 1890.5 | 1722.0 | 1566.0 | 1415.5 | 1274.5 | 1122.0 | 971.0 |
| 57.5° | 2046.0 | 2082.0 | 2066.5 | 2018.0 | 1875.0 | 1720.0 | 1570.0 | 1429.5 | 1291.0 | 1128.0 | 966.0 |
| 60°   | 1971.0 | 2020.5 | 2031.5 | 1962.5 | 1813.0 | 1665.0 | 1532.0 | 1413.5 | 1275.5 | 1101.5 | 935.5 |
| 62.5° | 1865.0 | 1905.0 | 1933.5 | 1839.5 | 1691.5 | 1551.0 | 1447.0 | 1353.5 | 1213.0 | 1023.0 | 872.5 |
| 65°   | 1705.0 | 1723.5 | 1731.5 | 1644.5 | 1499.5 | 1406.0 | 1338.0 | 1257.5 | 1101.5 | 911.5  | 775.0 |
| 67.5° | 1467.0 | 1464.5 | 1472.5 | 1432.0 | 1325.0 | 1276.0 | 1231.0 | 1143.5 | 961.5  | 784.0  | 648.0 |
| 70°   | 1166.5 | 1218.5 | 1262.5 | 1219.5 | 1153.0 | 1104.0 | 1066.5 | 963.0  | 768.0  | 605.5  | 492.5 |
| 72.5° | 949.5  | 992.0  | 1016.0 | 978.5  | 914.0  | 879.0  | 829.5  | 726.5  | 540.5  | 430.5  | 338.0 |
| 75°   | 802.0  | 771.0  | 785.5  | 762.0  | 702.5  | 652.0  | 623.5  | 510.0  | 354.5  | 285.0  | 210.5 |
| 77.5° | 724.5  | 675.0  | 643.5  | 593.0  | 525.0  | 467.5  | 438.5  | 317.0  | 223.5  | 168.0  | 121.5 |
| 80°   | 640.5  | 572.0  | 490.0  | 408.5  | 350.0  | 314.5  | 294.5  | 181.0  | 123.0  | 97.5   | 70.0  |
| 82.5° | 487.0  | 422.5  | 343.0  | 284.0  | 233.5  | 203.5  | 180.5  | 103.5  | 69.5   | 51.5   | 40.0  |
| 85°   | 312.0  | 287.5  | 262.5  | 233.5  | 195.5  | 157.0  | 121.0  | 75.5   | 51.0   | 29.5   | 22.0  |
| 87.5° | 150.5  | 125.0  | 124.0  | 114.5  | 109.0  | 86.0   | 51.0   | 17.5   | 11.0   | 9.5    | 6.0   |
| 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):**

|       | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 |
| 2.5°  | 325.5 | 325.0 | 324.0 | 324.0 | 323.5 | 323.0 | 322.5 | 322.5 | 323.0 | 322.0 | 321.5 |
| 5°    | 331.0 | 330.5 | 329.0 | 328.5 | 328.0 | 327.0 | 327.0 | 326.5 | 326.5 | 325.5 | 325.0 |
| 7.5°  | 337.5 | 336.5 | 335.5 | 335.0 | 333.5 | 333.5 | 333.5 | 334.5 | 334.5 | 334.5 | 335.0 |
| 10°   | 344.0 | 341.5 | 340.5 | 340.5 | 340.0 | 340.5 | 342.0 | 343.0 | 344.5 | 345.5 | 346.5 |
| 12.5° | 347.5 | 345.0 | 344.0 | 343.0 | 344.5 | 344.5 | 347.0 | 350.0 | 352.5 | 355.0 | 356.0 |
| 15°   | 356.5 | 352.0 | 350.0 | 347.5 | 347.5 | 347.5 | 350.0 | 352.5 | 355.5 | 358.5 | 359.0 |
| 17.5° | 372.0 | 364.0 | 360.0 | 354.5 | 353.0 | 351.0 | 351.0 | 352.0 | 354.0 | 356.5 | 356.5 |
| 20°   | 387.5 | 379.5 | 373.0 | 367.0 | 363.0 | 357.5 | 353.5 | 350.0 | 348.5 | 349.5 | 349.5 |
| 22.5° | 415.5 | 406.0 | 398.0 | 388.0 | 379.0 | 372.0 | 362.0 | 353.5 | 347.0 | 345.0 | 343.5 |
| 25°   | 466.0 | 452.5 | 439.0 | 424.0 | 414.0 | 401.0 | 387.0 | 373.0 | 360.0 | 351.0 | 343.0 |
| 27.5° | 522.0 | 503.5 | 484.0 | 460.5 | 444.5 | 425.0 | 406.5 | 386.5 | 370.5 | 357.0 | 342.5 |
| 30°   | 575.5 | 541.0 | 513.0 | 483.5 | 457.5 | 431.0 | 408.0 | 384.5 | 367.0 | 351.0 | 333.5 |
| 32.5° | 602.0 | 561.0 | 523.0 | 486.0 | 454.5 | 424.0 | 399.0 | 372.5 | 354.0 | 336.0 | 315.0 |
| 35°   | 620.5 | 571.5 | 526.0 | 483.0 | 447.5 | 414.0 | 385.5 | 358.0 | 336.0 | 315.5 | 291.5 |
| 37.5° | 643.5 | 582.0 | 528.5 | 480.5 | 439.0 | 401.0 | 369.0 | 338.0 | 313.0 | 291.0 | 266.0 |
| 40°   | 673.5 | 598.0 | 531.5 | 473.5 | 426.0 | 383.0 | 350.0 | 316.5 | 290.0 | 266.5 | 243.5 |
| 42.5° | 715.0 | 620.0 | 535.0 | 465.0 | 411.5 | 366.5 | 332.5 | 300.0 | 272.0 | 247.0 | 224.0 |
| 45°   | 756.0 | 645.5 | 544.0 | 462.5 | 402.0 | 356.0 | 320.0 | 285.5 | 256.0 | 229.5 | 203.0 |
| 47.5° | 786.5 | 664.5 | 553.5 | 464.0 | 396.5 | 345.0 | 306.5 | 268.0 | 235.0 | 206.0 | 179.0 |
| 50°   | 806.0 | 676.5 | 562.0 | 468.0 | 391.5 | 330.5 | 285.0 | 246.0 | 212.0 | 183.5 | 156.5 |
| 52.5° | 816.0 | 680.0 | 565.0 | 466.5 | 378.5 | 307.5 | 262.0 | 224.5 | 192.0 | 164.0 | 140.0 |
| 55°   | 819.0 | 676.5 | 558.5 | 452.5 | 356.0 | 284.5 | 241.0 | 205.5 | 174.0 | 147.5 | 126.0 |
| 57.5° | 808.5 | 661.5 | 535.5 | 424.0 | 326.0 | 262.5 | 218.5 | 184.0 | 154.0 | 130.5 | 111.0 |
| 60°   | 774.5 | 627.0 | 495.0 | 379.5 | 292.5 | 233.0 | 189.0 | 155.0 | 130.5 | 110.0 | 96.5  |
| 62.5° | 712.5 | 568.5 | 440.0 | 324.0 | 246.5 | 192.5 | 151.0 | 121.5 | 101.5 | 87.0  | 80.0  |
| 65°   | 635.0 | 488.5 | 357.5 | 257.5 | 188.5 | 143.5 | 108.5 | 89.0  | 75.0  | 66.5  | 63.0  |
| 67.5° | 519.0 | 382.0 | 267.5 | 183.5 | 130.0 | 97.5  | 73.5  | 63.0  | 57.0  | 54.5  | 53.5  |
| 70°   | 373.5 | 265.0 | 177.0 | 119.0 | 84.5  | 66.5  | 53.5  | 49.0  | 46.5  | 46.5  | 47.0  |
| 72.5° | 246.0 | 163.5 | 108.0 | 76.0  | 60.0  | 50.0  | 43.5  | 41.5  | 41.5  | 42.5  | 43.0  |
| 75°   | 144.0 | 95.0  | 66.5  | 55.5  | 47.5  | 42.0  | 38.5  | 37.0  | 37.0  | 37.5  | 37.5  |
| 77.5° | 85.0  | 58.5  | 47.5  | 42.0  | 38.5  | 36.0  | 34.0  | 32.0  | 31.5  | 31.5  | 33.0  |
| 80°   | 52.5  | 41.5  | 37.0  | 33.5  | 31.0  | 29.0  | 27.0  | 27.0  | 27.0  | 26.5  | 27.5  |
| 82.5° | 34.0  | 29.5  | 29.0  | 28.0  | 25.0  | 23.0  | 21.0  | 21.0  | 22.0  | 21.0  | 21.5  |
| 85°   | 20.5  | 19.5  | 19.0  | 19.0  | 18.0  | 17.0  | 15.5  | 15.5  | 17.0  | 16.5  | 14.5  |
| 87.5° | 5.5   | 5.0   | 6.5   | 6.0   | 7.0   | 7.0   | 7.0   | 8.0   | 10.5  | 13.5  | 10.0  |
| 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: P139980

CATALOG NUMBER: ENV-E01-LED-E1-SLL

**CANDELA DISTRIBUTION (continued):**

|       | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 |
| 2.5°  | 321.0 | 321.5 | 320.5 | 320.0 | 320.5 | 321.0 | 319.5 | 319.0 | 318.5 | 318.0 | 318.5 |
| 5°    | 324.5 | 324.5 | 323.0 | 322.0 | 322.0 | 321.5 | 320.0 | 319.5 | 317.5 | 317.0 | 318.5 |
| 7.5°  | 334.5 | 334.0 | 332.5 | 331.0 | 330.5 | 330.5 | 327.0 | 325.5 | 324.5 | 321.5 | 322.0 |
| 10°   | 346.0 | 346.0 | 346.5 | 344.5 | 342.0 | 341.5 | 337.5 | 335.0 | 333.5 | 331.0 | 330.0 |
| 12.5° | 355.0 | 353.5 | 353.0 | 350.0 | 347.5 | 346.5 | 343.0 | 341.0 | 339.0 | 336.5 | 336.0 |
| 15°   | 358.0 | 355.0 | 353.0 | 349.5 | 346.5 | 344.5 | 341.5 | 339.5 | 337.0 | 335.5 | 334.5 |
| 17.5° | 355.0 | 352.0 | 349.0 | 345.0 | 341.0 | 338.5 | 335.0 | 332.0 | 331.0 | 329.0 | 326.0 |
| 20°   | 348.5 | 345.0 | 341.5 | 336.5 | 332.0 | 328.5 | 324.5 | 322.0 | 319.0 | 316.0 | 310.0 |
| 22.5° | 340.5 | 336.5 | 333.0 | 326.5 | 322.0 | 318.0 | 313.5 | 309.5 | 306.0 | 300.0 | 291.0 |
| 25°   | 335.0 | 326.5 | 320.5 | 311.5 | 306.5 | 301.5 | 299.5 | 295.5 | 290.5 | 280.0 | 269.0 |
| 27.5° | 327.0 | 311.5 | 300.5 | 291.5 | 284.5 | 278.5 | 275.0 | 270.5 | 265.5 | 255.5 | 244.0 |
| 30°   | 313.5 | 295.5 | 285.0 | 275.5 | 267.5 | 261.0 | 254.5 | 246.0 | 239.5 | 228.0 | 220.0 |
| 32.5° | 293.0 | 278.0 | 268.5 | 259.5 | 249.0 | 240.5 | 232.5 | 222.5 | 213.0 | 201.5 | 194.5 |
| 35°   | 270.0 | 256.5 | 244.5 | 235.0 | 224.0 | 215.5 | 207.0 | 195.5 | 186.5 | 176.0 | 169.5 |
| 37.5° | 246.0 | 231.5 | 217.5 | 206.5 | 196.5 | 187.0 | 179.5 | 168.5 | 159.0 | 149.0 | 145.5 |
| 40°   | 224.5 | 208.0 | 193.0 | 182.0 | 171.0 | 161.5 | 153.5 | 142.0 | 134.0 | 127.0 | 123.0 |
| 42.5° | 203.5 | 186.0 | 172.0 | 160.5 | 149.5 | 139.5 | 129.0 | 120.0 | 113.0 | 110.0 | 104.5 |
| 45°   | 180.0 | 162.0 | 148.5 | 136.0 | 127.0 | 116.5 | 108.5 | 102.5 | 98.0  | 95.5  | 92.0  |
| 47.5° | 156.0 | 141.0 | 127.0 | 115.5 | 104.5 | 95.5  | 90.5  | 87.5  | 86.0  | 84.0  | 82.5  |
| 50°   | 136.5 | 123.5 | 109.5 | 98.5  | 88.5  | 82.0  | 79.5  | 78.0  | 77.0  | 76.0  | 75.5  |
| 52.5° | 123.0 | 109.0 | 96.5  | 86.0  | 78.5  | 75.0  | 74.0  | 73.0  | 72.0  | 71.5  | 71.0  |
| 55°   | 112.5 | 98.5  | 87.0  | 78.0  | 72.5  | 71.5  | 71.0  | 70.0  | 69.0  | 69.0  | 68.0  |
| 57.5° | 100.0 | 88.0  | 78.0  | 71.5  | 68.5  | 68.0  | 67.5  | 67.0  | 66.5  | 66.5  | 66.0  |
| 60°   | 87.0  | 78.0  | 71.5  | 67.0  | 66.0  | 65.0  | 64.0  | 63.0  | 62.5  | 63.5  | 64.0  |
| 62.5° | 74.0  | 68.5  | 64.5  | 63.0  | 62.0  | 60.5  | 59.5  | 58.5  | 58.5  | 59.5  | 61.0  |
| 65°   | 61.5  | 59.5  | 58.5  | 57.5  | 57.0  | 56.5  | 55.5  | 54.5  | 54.5  | 54.5  | 55.5  |
| 67.5° | 53.0  | 52.0  | 52.0  | 51.5  | 51.0  | 51.0  | 50.0  | 49.0  | 49.0  | 49.0  | 49.0  |
| 70°   | 46.5  | 47.0  | 47.0  | 47.0  | 46.5  | 46.0  | 45.5  | 44.5  | 44.0  | 43.0  | 42.0  |
| 72.5° | 43.0  | 42.5  | 42.0  | 41.5  | 41.0  | 40.5  | 40.0  | 39.5  | 38.5  | 37.5  | 36.5  |
| 75°   | 38.5  | 37.5  | 36.0  | 35.5  | 35.0  | 34.0  | 34.0  | 33.5  | 32.5  | 31.0  | 30.0  |
| 77.5° | 33.5  | 32.5  | 31.0  | 30.0  | 30.0  | 29.5  | 28.5  | 28.0  | 26.5  | 25.0  | 24.0  |
| 80°   | 27.0  | 25.5  | 24.0  | 23.5  | 23.0  | 22.5  | 22.0  | 21.5  | 21.0  | 19.5  | 19.0  |
| 82.5° | 20.0  | 18.5  | 17.0  | 16.5  | 16.0  | 15.0  | 14.5  | 14.5  | 14.5  | 13.0  | 12.0  |
| 85°   | 13.0  | 11.0  | 9.5   | 8.0   | 8.0   | 7.5   | 6.5   | 5.5   | 4.5   | 3.0   | 2.0   |
| 87.5° | 6.5   | 3.5   | 2.0   | 0.5   | 0.5   | 0.5   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 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: P139980

CATALOG NUMBER: ENV-E01-LED-E1-SLL

**CANDELA DISTRIBUTION (continued):**

|       | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 |
| 2.5°  | 318.5 | 318.0 | 318.5 | 319.0 | 321.0 | 322.0 | 322.5 | 322.5 | 323.0 | 324.0 | 324.5 |
| 5°    | 318.5 | 315.5 | 315.5 | 316.5 | 317.5 | 319.0 | 319.5 | 319.5 | 320.0 | 321.5 | 323.0 |
| 7.5°  | 320.0 | 317.5 | 316.0 | 315.5 | 316.0 | 317.0 | 317.0 | 317.0 | 317.5 | 319.0 | 320.5 |
| 10°   | 326.5 | 322.5 | 320.0 | 317.0 | 315.0 | 314.5 | 314.0 | 314.0 | 315.0 | 317.0 | 318.5 |
| 12.5° | 332.0 | 327.5 | 323.5 | 319.5 | 315.5 | 313.0 | 311.0 | 310.0 | 310.5 | 312.5 | 315.5 |
| 15°   | 331.5 | 325.0 | 320.5 | 314.5 | 310.0 | 306.5 | 303.5 | 302.5 | 303.0 | 304.5 | 308.0 |
| 17.5° | 321.0 | 313.5 | 307.5 | 301.0 | 296.0 | 293.5 | 292.0 | 291.5 | 292.5 | 295.5 | 298.5 |
| 20°   | 303.5 | 293.5 | 289.0 | 285.5 | 281.0 | 279.5 | 276.5 | 276.5 | 276.0 | 276.0 | 277.5 |
| 22.5° | 281.0 | 271.5 | 268.5 | 266.5 | 262.0 | 258.5 | 255.0 | 254.5 | 251.0 | 251.5 | 251.0 |
| 25°   | 259.0 | 248.0 | 245.0 | 242.5 | 237.0 | 232.0 | 228.0 | 225.5 | 221.5 | 221.0 | 219.5 |
| 27.5° | 234.5 | 225.0 | 221.5 | 217.5 | 211.0 | 206.0 | 201.0 | 197.5 | 194.0 | 190.5 | 189.5 |
| 30°   | 209.5 | 201.0 | 197.5 | 194.0 | 186.5 | 182.0 | 175.0 | 170.0 | 167.0 | 162.0 | 159.5 |
| 32.5° | 185.5 | 177.5 | 174.0 | 170.0 | 161.5 | 153.0 | 148.0 | 142.0 | 137.5 | 131.0 | 128.0 |
| 35°   | 161.5 | 153.5 | 148.0 | 145.5 | 137.0 | 128.0 | 123.5 | 115.5 | 110.0 | 104.5 | 103.5 |
| 37.5° | 138.5 | 131.0 | 127.0 | 121.5 | 115.0 | 108.0 | 100.5 | 96.0  | 93.5  | 92.5  | 92.0  |
| 40°   | 117.0 | 111.5 | 107.5 | 104.0 | 98.0  | 93.0  | 89.5  | 88.5  | 88.5  | 88.5  | 89.0  |
| 42.5° | 101.5 | 96.5  | 94.5  | 90.0  | 87.0  | 85.5  | 85.5  | 86.0  | 86.5  | 87.5  | 88.5  |
| 45°   | 89.0  | 85.0  | 83.5  | 82.0  | 82.0  | 81.5  | 82.5  | 83.5  | 85.0  | 86.5  | 87.5  |
| 47.5° | 80.0  | 77.0  | 76.0  | 76.5  | 77.5  | 78.0  | 80.0  | 81.5  | 83.0  | 84.0  | 85.0  |
| 50°   | 73.5  | 71.0  | 70.0  | 70.5  | 71.5  | 73.0  | 74.5  | 76.5  | 78.0  | 79.0  | 79.5  |
| 52.5° | 69.5  | 67.5  | 66.5  | 66.5  | 68.0  | 69.5  | 71.5  | 73.0  | 74.5  | 75.0  | 76.0  |
| 55°   | 66.5  | 65.0  | 63.5  | 64.0  | 65.5  | 66.5  | 67.5  | 68.5  | 69.5  | 70.0  | 72.0  |
| 57.5° | 64.5  | 62.5  | 61.5  | 62.0  | 62.5  | 61.5  | 62.5  | 63.5  | 64.5  | 65.5  | 66.5  |
| 60°   | 62.0  | 60.5  | 59.0  | 58.0  | 57.0  | 57.0  | 57.5  | 58.5  | 60.5  | 62.0  | 63.5  |
| 62.5° | 59.5  | 57.5  | 56.0  | 54.5  | 53.0  | 52.5  | 53.0  | 54.0  | 56.0  | 58.0  | 59.0  |
| 65°   | 55.0  | 52.5  | 51.0  | 50.5  | 50.0  | 49.5  | 50.0  | 51.0  | 53.0  | 54.5  | 56.0  |
| 67.5° | 48.5  | 46.5  | 46.0  | 45.5  | 45.0  | 45.5  | 46.0  | 47.0  | 49.0  | 50.5  | 52.0  |
| 70°   | 41.0  | 40.5  | 40.0  | 40.0  | 40.0  | 40.5  | 41.0  | 43.0  | 44.5  | 46.5  | 47.0  |
| 72.5° | 34.5  | 34.0  | 33.5  | 34.5  | 34.5  | 34.5  | 35.5  | 38.0  | 40.0  | 42.0  | 43.0  |
| 75°   | 29.0  | 29.0  | 28.5  | 28.0  | 29.0  | 29.0  | 30.0  | 32.0  | 33.5  | 35.0  | 35.5  |
| 77.5° | 24.0  | 23.5  | 23.0  | 23.0  | 23.5  | 23.5  | 23.5  | 24.5  | 25.5  | 25.5  | 25.5  |
| 80°   | 18.5  | 17.5  | 17.0  | 16.5  | 16.0  | 15.0  | 15.0  | 15.5  | 15.5  | 15.5  | 16.5  |
| 82.5° | 10.5  | 10.0  | 8.0   | 6.5   | 6.5   | 6.0   | 5.5   | 5.5   | 5.5   | 6.5   | 7.0   |
| 85°   | 1.5   | 1.0   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 1.0   | 1.0   |
| 87.5° | 0.0   | 0.0   | 0.0   | 0.5   | 0.5   | 0.5   | 1.0   | 1.0   | 1.0   | 1.5   | 1.5   |
| 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: P139980  
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REPORT N  
CATALOG

**CANDELA DISTRIBUTION (continued):**

**CANDELA**

|       | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 0°    |
| 2.5°  | 324.0 | 325.0 | 325.0 | 326.0 | 326.0 | 326.5 | 327.5 | 327.5 | 328.5 | 328.5 | 329.5 | 2.5°  |
| 5°    | 323.0 | 324.0 | 324.5 | 326.0 | 327.0 | 328.0 | 329.5 | 330.0 | 332.0 | 333.0 | 334.0 | 5°    |
| 7.5°  | 321.5 | 323.5 | 324.5 | 326.5 | 328.5 | 330.0 | 332.0 | 333.5 | 336.0 | 337.5 | 339.0 | 7.5°  |
| 10°   | 320.0 | 323.0 | 325.0 | 328.5 | 331.0 | 333.5 | 337.0 | 338.5 | 340.5 | 344.0 | 346.5 | 10°   |
| 12.5° | 318.5 | 321.5 | 325.0 | 328.5 | 334.5 | 338.0 | 342.5 | 346.5 | 349.0 | 354.0 | 358.0 | 12.5° |
| 15°   | 311.0 | 314.0 | 319.0 | 324.0 | 329.5 | 337.0 | 342.5 | 350.0 | 356.5 | 365.0 | 372.0 | 15°   |
| 17.5° | 300.0 | 303.0 | 307.0 | 311.5 | 317.5 | 324.5 | 334.0 | 343.5 | 353.5 | 368.0 | 382.0 | 17.5° |
| 20°   | 279.0 | 280.0 | 284.0 | 289.0 | 295.5 | 303.5 | 314.5 | 326.5 | 341.0 | 360.0 | 380.0 | 20°   |
| 22.5° | 249.5 | 249.0 | 251.0 | 256.5 | 263.5 | 270.5 | 282.5 | 296.0 | 312.5 | 336.0 | 365.0 | 22.5° |
| 25°   | 216.0 | 218.0 | 216.5 | 223.0 | 229.5 | 239.0 | 250.5 | 265.0 | 283.5 | 311.5 | 342.5 | 25°   |
| 27.5° | 185.0 | 186.5 | 188.5 | 191.5 | 197.0 | 207.0 | 219.5 | 235.5 | 257.0 | 287.0 | 322.5 | 27.5° |
| 30°   | 155.5 | 155.0 | 156.5 | 159.0 | 163.5 | 175.0 | 186.5 | 206.5 | 228.0 | 259.5 | 299.0 | 30°   |
| 32.5° | 125.0 | 124.5 | 125.0 | 127.5 | 133.5 | 142.0 | 156.0 | 174.0 | 199.0 | 230.0 | 272.0 | 32.5° |
| 35°   | 102.5 | 101.0 | 102.5 | 106.0 | 109.5 | 116.5 | 130.0 | 147.5 | 170.0 | 200.5 | 237.0 | 35°   |
| 37.5° | 92.5  | 92.5  | 94.0  | 96.5  | 100.0 | 105.5 | 115.0 | 127.5 | 147.5 | 177.0 | 208.0 | 37.5° |
| 40°   | 89.5  | 90.0  | 91.0  | 93.0  | 96.5  | 101.5 | 108.5 | 119.5 | 135.0 | 157.5 | 184.0 | 40°   |
| 42.5° | 89.0  | 89.0  | 89.0  | 90.0  | 93.0  | 98.0  | 106.0 | 116.0 | 129.0 | 145.0 | 167.5 | 42.5° |
| 45°   | 88.0  | 87.5  | 87.5  | 87.5  | 90.0  | 95.5  | 104.0 | 115.0 | 127.0 | 141.0 | 158.5 | 45°   |
| 47.5° | 85.5  | 85.0  | 85.0  | 85.0  | 87.0  | 92.0  | 100.5 | 113.0 | 126.0 | 141.0 | 158.5 | 47.5° |
| 50°   | 80.0  | 80.5  | 80.5  | 81.0  | 82.5  | 87.5  | 96.5  | 109.5 | 124.0 | 140.5 | 160.5 | 50°   |
| 52.5° | 76.5  | 77.5  | 78.0  | 79.0  | 80.0  | 84.5  | 94.0  | 108.5 | 124.0 | 142.0 | 163.5 | 52.5° |
| 55°   | 73.0  | 75.0  | 76.5  | 77.5  | 78.5  | 82.5  | 93.5  | 110.0 | 128.0 | 149.0 | 172.5 | 55°   |
| 57.5° | 67.5  | 69.5  | 71.0  | 73.5  | 76.0  | 80.5  | 92.0  | 110.5 | 133.0 | 159.0 | 188.5 | 57.5° |
| 60°   | 64.5  | 65.5  | 66.0  | 67.5  | 69.0  | 74.5  | 87.0  | 107.0 | 131.5 | 163.5 | 202.5 | 60°   |
| 62.5° | 60.5  | 61.5  | 62.5  | 63.0  | 63.5  | 67.0  | 77.5  | 98.5  | 124.0 | 158.5 | 205.0 | 62.5° |
| 65°   | 57.0  | 58.0  | 59.5  | 60.0  | 61.0  | 63.0  | 70.0  | 87.0  | 112.0 | 149.0 | 197.5 | 65°   |
| 67.5° | 53.0  | 54.5  | 55.5  | 56.0  | 57.5  | 58.5  | 63.5  | 77.0  | 96.0  | 132.0 | 179.0 | 67.5° |
| 70°   | 48.5  | 50.5  | 51.0  | 52.0  | 53.0  | 53.5  | 57.5  | 66.0  | 80.0  | 105.0 | 149.5 | 70°   |
| 72.5° | 44.0  | 45.0  | 45.5  | 46.5  | 47.5  | 48.5  | 51.0  | 57.0  | 66.0  | 80.5  | 108.5 | 72.5° |
| 75°   | 37.0  | 38.5  | 39.5  | 40.0  | 41.0  | 41.5  | 42.5  | 46.5  | 52.0  | 62.0  | 77.0  | 75°   |
| 77.5° | 27.5  | 29.0  | 30.5  | 32.0  | 33.0  | 33.0  | 34.0  | 36.0  | 39.0  | 46.0  | 55.0  | 77.5° |
| 80°   | 17.5  | 19.0  | 20.0  | 21.0  | 21.5  | 23.0  | 24.0  | 27.5  | 28.5  | 33.5  | 39.0  | 80°   |
| 82.5° | 8.0   | 9.5   | 10.0  | 11.0  | 12.5  | 13.5  | 14.0  | 15.0  | 17.5  | 20.0  | 24.0  | 82.5° |
| 85°   | 1.5   | 1.5   | 1.5   | 2.0   | 2.0   | 3.0   | 3.0   | 4.0   | 5.0   | 5.5   | 6.5   | 85°   |
| 87.5° | 1.5   | 2.0   | 2.0   | 2.0   | 2.5   | 2.5   | 2.5   | 2.5   | 3.0   | 3.0   | 3.0   | 87.5° |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 90°   |

NUMBER: P139980

NUMBER: ENV-E01-LED-E1-SLL

**DISTRIBUTION (continued):**

| 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|-------|-------|-------|-------|-------|-------|-------|
| 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 | 324.5 |
| 330.0 | 329.5 | 330.5 | 331.5 | 331.0 | 334.0 | 331.5 |
| 335.5 | 335.0 | 336.5 | 337.5 | 338.0 | 340.0 | 339.5 |
| 341.0 | 341.5 | 344.0 | 344.5 | 346.0 | 348.5 | 349.0 |
| 347.5 | 350.0 | 353.0 | 354.0 | 356.5 | 359.5 | 363.5 |
| 360.5 | 364.0 | 368.0 | 371.0 | 376.0 | 382.0 | 384.5 |
| 378.5 | 387.0 | 393.5 | 399.5 | 407.0 | 414.0 | 422.0 |
| 394.5 | 411.0 | 425.0 | 437.5 | 449.5 | 460.5 | 470.5 |
| 402.0 | 428.0 | 450.0 | 473.0 | 496.0 | 511.5 | 530.0 |
| 395.0 | 431.5 | 465.5 | 502.5 | 537.5 | 569.0 | 597.0 |
| 380.0 | 425.0 | 475.5 | 528.5 | 581.5 | 629.5 | 673.5 |
| 366.0 | 421.0 | 479.5 | 540.0 | 603.0 | 660.5 | 720.5 |
| 347.5 | 407.5 | 471.5 | 534.0 | 602.5 | 670.0 | 730.5 |
| 320.0 | 381.0 | 448.5 | 516.5 | 592.5 | 667.5 | 737.5 |
| 287.5 | 348.5 | 417.5 | 489.0 | 573.5 | 658.0 | 739.5 |
| 252.0 | 312.0 | 384.0 | 460.5 | 548.0 | 642.5 | 736.5 |
| 222.0 | 275.5 | 350.0 | 433.0 | 525.0 | 623.0 | 724.5 |
| 198.0 | 246.5 | 317.0 | 401.0 | 499.5 | 600.5 | 709.0 |
| 184.0 | 224.5 | 289.0 | 372.5 | 473.0 | 577.0 | 689.5 |
| 181.0 | 213.5 | 270.0 | 351.0 | 447.5 | 552.0 | 665.5 |
| 184.0 | 214.0 | 261.5 | 337.5 | 428.0 | 529.5 | 643.0 |
| 190.0 | 219.0 | 262.5 | 332.5 | 420.0 | 516.0 | 625.5 |
| 199.5 | 232.5 | 273.0 | 337.0 | 419.0 | 510.5 | 614.5 |
| 218.5 | 256.0 | 297.0 | 355.5 | 431.0 | 516.5 | 616.0 |
| 242.5 | 287.5 | 337.0 | 399.0 | 460.0 | 536.5 | 631.5 |
| 257.0 | 318.5 | 386.5 | 458.5 | 521.0 | 583.5 | 670.5 |
| 255.5 | 331.5 | 427.5 | 530.0 | 608.0 | 668.0 | 744.5 |
| 239.0 | 322.0 | 417.5 | 534.0 | 651.5 | 736.0 | 817.0 |
| 199.5 | 277.0 | 388.5 | 529.0 | 673.5 | 782.0 | 887.0 |
| 159.0 | 227.5 | 334.0 | 466.5 | 609.0 | 720.0 | 841.0 |
| 106.0 | 160.5 | 246.5 | 358.0 | 461.5 | 558.0 | 642.0 |
| 72.0  | 101.5 | 154.0 | 235.0 | 320.5 | 399.5 | 462.0 |
| 48.0  | 63.5  | 88.0  | 129.5 | 179.5 | 230.0 | 268.0 |
| 28.0  | 35.0  | 45.0  | 64.0  | 95.0  | 134.0 | 167.5 |
| 7.5   | 9.5   | 12.5  | 16.5  | 29.5  | 52.0  | 72.5  |
| 3.0   | 2.5   | 2.5   | 2.5   | 2.5   | 2.5   | 2.5   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)