

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: P821585

Luminaire Tested: **TT-D2-750-12VDC-WQ-HSS**

Issue Date: 12/2/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P821585  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2010-017-2)  
Test Lab: INNOVATION CENTER  
Issue Date: 12/2/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: TT-D2-750-12VDC-WQ-HSS  
Description: TOPTIER LED PARKING GARAGE LUMINAIRE  
5000K, 70 CRI LEDS AND WIDE DISTRIBUTION WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

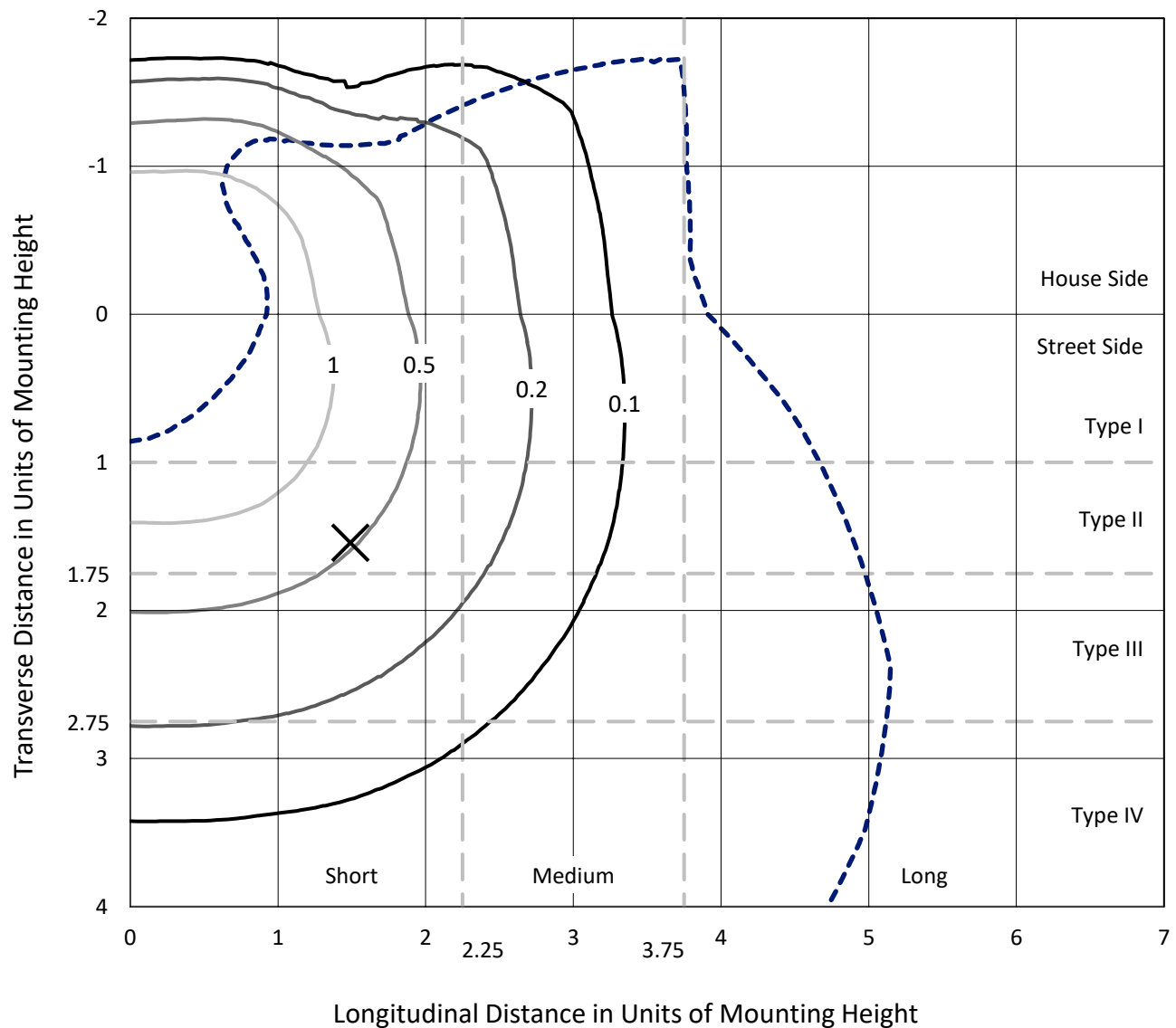
Lumens per Lamp: N/A  
Luminaire Lumens: 4246.9 lumens  
Efficiency: N/A  
Efficacy: 111.8 lumens/watt  
Luminous Opening: Circular (Dia: 1.12' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U2 - G2

Input Watts (W): 38  
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

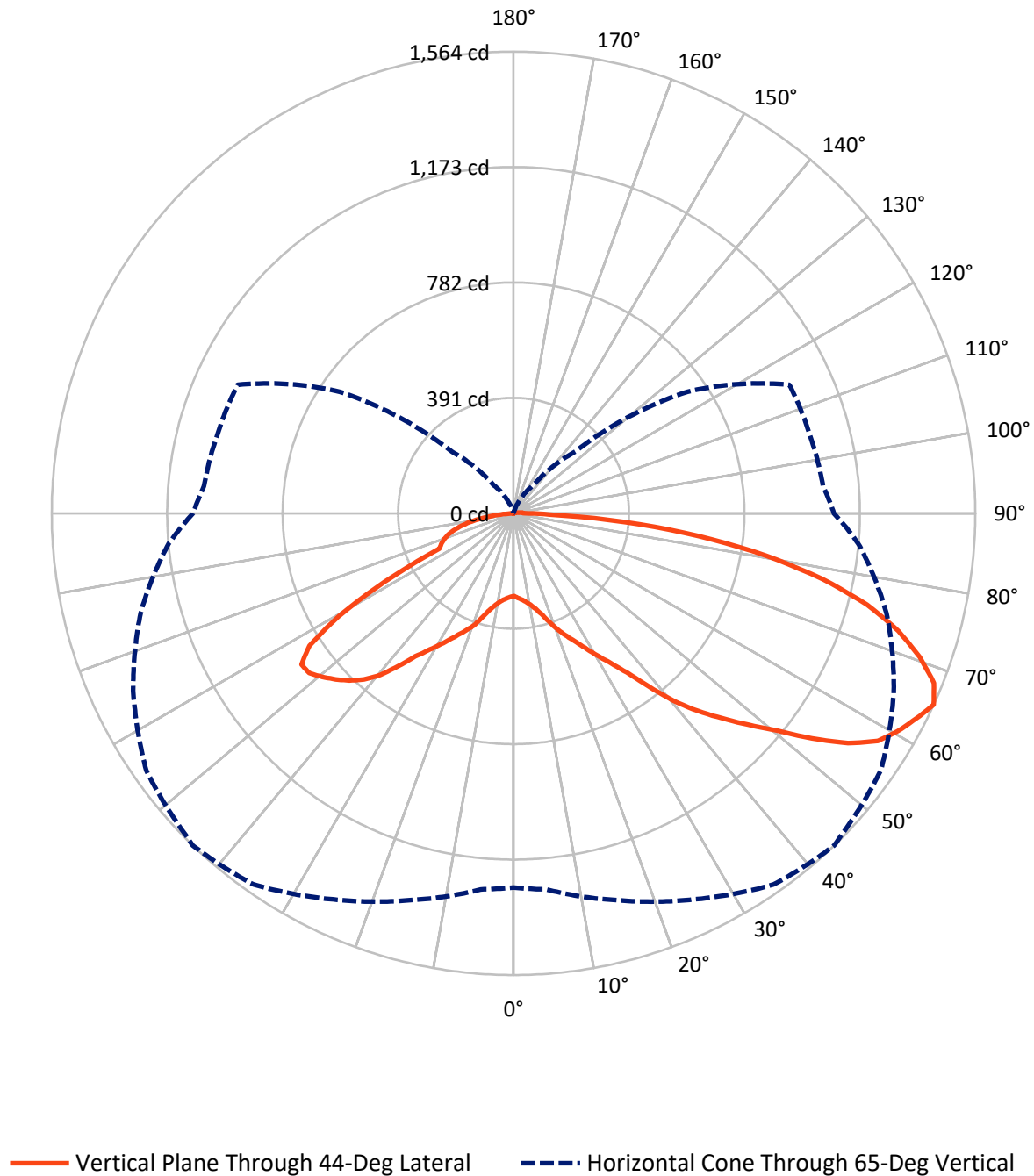
× Max cd  
- - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.7 fc  
Type IV - Short - N/A

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## Luminous Intensity Polar Plot



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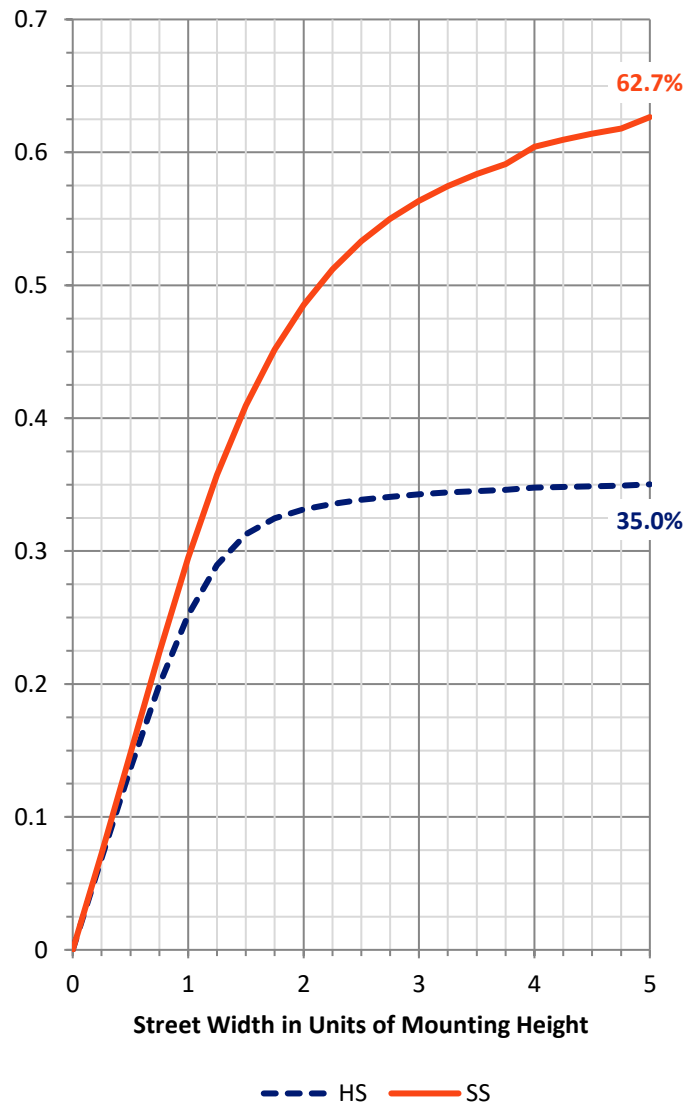
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1495.9   | 1.0    | 1496.8 |
|                    | % Fixture | 35.2     | 0.0    | 35.2   |
| <b>Street Side</b> | Lumens    | 2732.9   | 17.1   | 2750.1 |
|                    | % Fixture | 64.4     | 0.4    | 64.8   |
| <b>Total</b>       | Lumens    | 4228.8   | 18.1   | 4246.9 |
|                    | % Fixture | 99.6     | 0.4    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 28.4   | 0.7       |
| 10°-20°   | 100.9  | 2.4       |
| 20°-30°   | 216.2  | 5.1       |
| 30°-40°   | 391.5  | 9.2       |
| 40°-50°   | 653.3  | 15.4      |
| 50°-60°   | 904.8  | 21.3      |
| 60°-70°   | 937.7  | 22.1      |
| 70°-80°   | 754.7  | 17.8      |
| 80°-90°   | 241.4  | 5.7       |
| 90°-100°  | 12.2   | 0.3       |
| 100°-110° | 3.9    | 0.1       |
| 110°-120° | 0.8    | 0.0       |
| 120°-130° | 0.5    | 0.0       |
| 130°-140° | 0.3    | 0.0       |
| 140°-150° | 0.2    | 0.0       |
| 150°-160° | 0.1    | 0.0       |
| 160°-170° | 0.1    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 4228.8 | 99.6      |
| 0°-180°   | 4246.9 | 100.0     |

**Coefficient of Utilization**



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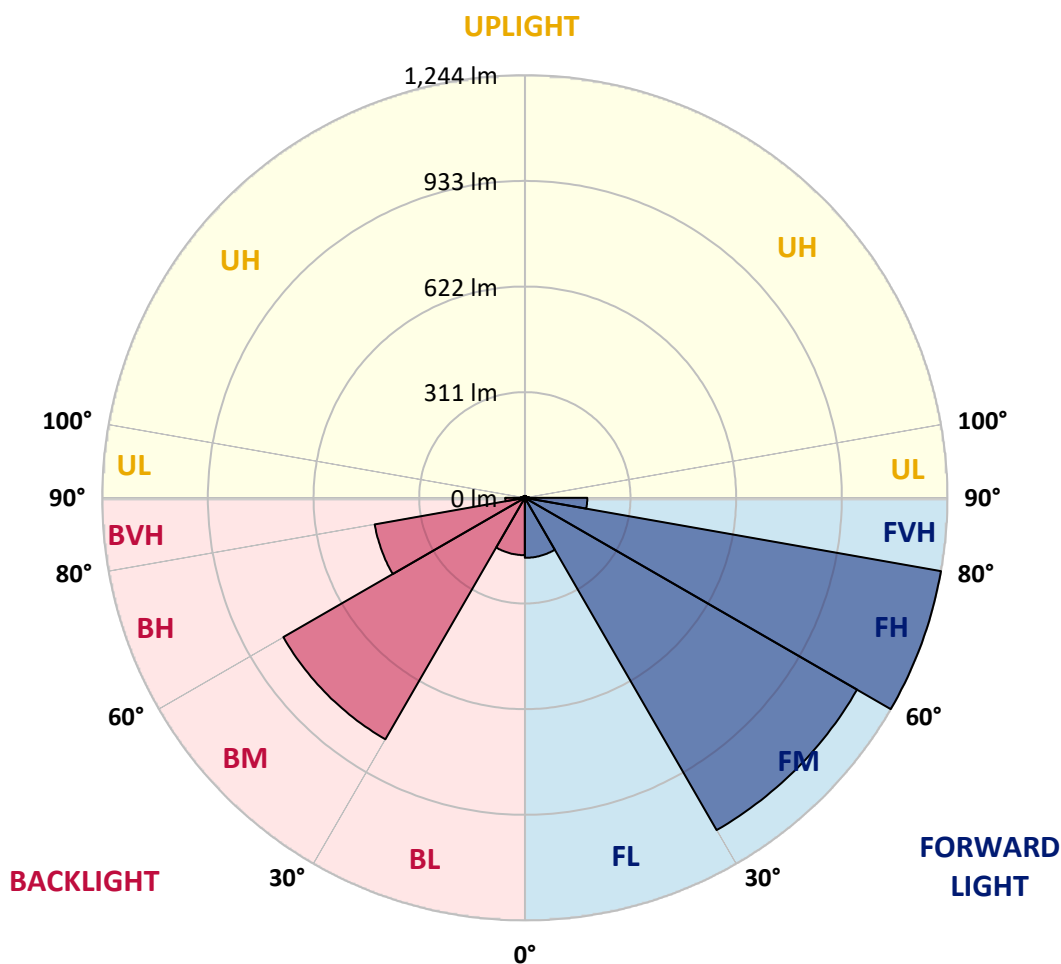
CATALOG NUMBER: TT-D2-750-12VDC-WQ-HSS

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |       |         |
|------|-------------|--------|-----------|-------------------------|-------|---------|
|      |             |        |           | B                       | U     | G       |
| FL   | (0°-30°)    | 176.6  | 4.2       |                         |       |         |
| FM   | (30°-60°)   | 1129.1 | 26.6      |                         |       |         |
| FH   | (60°-80°)   | 1243.6 | 29.3      |                         |       | G1/1800 |
| FVH  | (80°-90°)   | 183.7  | 4.3       |                         |       | G2/225  |
| BL   | (0°-30°)    | 168.9  | 4.0       | B1/500                  |       |         |
| BM   | (30°-60°)   | 820.5  | 19.3      | B1/1000                 |       |         |
| BH   | (60°-80°)   | 448.8  | 10.6      | B1/500                  |       | G1/500  |
| BVH  | (80°-90°)   | 57.7   | 1.4       |                         |       | G1/100  |
| UL   | (90°-100°)  | 12.2   | 0.3       |                         | U2/50 |         |
| UH   | (100°-180°) | 5.9    | 0.1       |                         | U1/10 |         |

**BUG Rating: B1-U2-G2**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 44°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 280.2  | 280.2  | 280.2  | 280.2  | 280.2  | 280.2  | 280.2  | 280.2  | 280.2  | 280.2  | 280.2  |
| 2.5°   | 288.5  | 287.7  | 287.7  | 286.9  | 286.9  | 286.9  | 286.9  | 286.9  | 286.0  | 285.2  | 284.4  |
| 5°     | 296.0  | 296.0  | 295.2  | 295.2  | 294.3  | 293.5  | 294.3  | 293.5  | 292.7  | 291.9  | 291.0  |
| 7.5°   | 305.9  | 305.1  | 305.1  | 303.5  | 303.5  | 302.6  | 302.6  | 302.6  | 301.8  | 300.1  | 299.3  |
| 10°    | 320.0  | 318.4  | 318.4  | 316.7  | 315.9  | 315.1  | 315.1  | 313.4  | 313.4  | 312.6  | 311.8  |
| 12.5°  | 335.8  | 334.1  | 335.8  | 335.0  | 333.3  | 331.7  | 331.7  | 330.0  | 329.2  | 328.3  | 325.0  |
| 15°    | 356.5  | 354.0  | 355.7  | 355.7  | 354.9  | 354.0  | 354.0  | 350.7  | 349.1  | 347.4  | 344.1  |
| 17.5°  | 381.4  | 379.7  | 380.6  | 381.4  | 383.9  | 383.9  | 384.7  | 380.6  | 377.3  | 371.4  | 369.0  |
| 20°    | 412.9  | 412.1  | 414.6  | 414.6  | 417.1  | 417.1  | 417.9  | 413.7  | 407.9  | 403.8  | 398.8  |
| 22.5°  | 443.6  | 443.6  | 446.9  | 446.9  | 449.4  | 447.7  | 447.7  | 446.1  | 439.4  | 434.5  | 429.5  |
| 25°    | 475.1  | 474.3  | 477.6  | 480.1  | 483.4  | 479.2  | 480.9  | 478.4  | 471.8  | 465.1  | 458.5  |
| 27.5°  | 509.9  | 508.3  | 509.9  | 513.2  | 519.0  | 515.7  | 517.4  | 513.2  | 506.6  | 497.5  | 491.7  |
| 30°    | 548.1  | 545.6  | 548.1  | 553.0  | 557.2  | 558.8  | 558.0  | 552.2  | 546.4  | 533.1  | 529.0  |
| 32.5°  | 585.4  | 585.4  | 591.2  | 600.3  | 605.3  | 604.4  | 605.3  | 600.3  | 592.0  | 575.4  | 565.5  |
| 35°    | 631.0  | 634.3  | 641.7  | 655.0  | 665.8  | 661.6  | 661.6  | 660.0  | 645.9  | 626.0  | 612.7  |
| 37.5°  | 691.5  | 694.8  | 709.7  | 725.5  | 745.4  | 743.7  | 744.6  | 739.6  | 712.2  | 691.5  | 672.4  |
| 40°    | 762.0  | 765.3  | 787.7  | 810.1  | 829.1  | 834.9  | 835.8  | 825.0  | 795.1  | 765.3  | 735.4  |
| 42.5°  | 826.6  | 830.8  | 854.0  | 885.5  | 906.2  | 915.4  | 917.0  | 899.6  | 868.1  | 834.1  | 796.8  |
| 45°    | 891.3  | 896.3  | 922.8  | 956.0  | 985.8  | 990.0  | 990.8  | 975.9  | 941.1  | 902.1  | 854.0  |
| 47.5°  | 957.6  | 961.8  | 989.1  | 1028.9 | 1061.3 | 1069.6 | 1070.4 | 1056.3 | 1014.0 | 966.8  | 910.4  |
| 50°    | 1018.2 | 1026.5 | 1063.8 | 1106.1 | 1149.2 | 1155.8 | 1156.6 | 1140.9 | 1091.1 | 1038.1 | 963.4  |
| 52.5°  | 1089.5 | 1093.6 | 1133.4 | 1203.9 | 1240.4 | 1266.1 | 1266.9 | 1236.2 | 1183.2 | 1111.9 | 1015.7 |
| 55°    | 1172.4 | 1179.8 | 1220.5 | 1290.9 | 1356.5 | 1373.9 | 1378.8 | 1342.4 | 1271.9 | 1194.8 | 1082.0 |
| 57.5°  | 1220.5 | 1234.6 | 1294.3 | 1361.4 | 1443.5 | 1455.1 | 1457.6 | 1419.5 | 1341.5 | 1257.0 | 1131.8 |
| 60°    | 1246.2 | 1254.5 | 1317.5 | 1422.0 | 1485.8 | 1496.6 | 1495.7 | 1466.7 | 1388.8 | 1286.0 | 1155.0 |
| 62.5°  | 1275.2 | 1289.3 | 1342.4 | 1448.5 | 1504.0 | 1530.6 | 1526.4 | 1496.6 | 1417.0 | 1304.2 | 1177.4 |
| 65°    | 1266.9 | 1278.5 | 1356.5 | 1442.7 | 1534.7 | 1563.7 | 1557.9 | 1518.1 | 1421.1 | 1307.5 | 1171.6 |
| 67.5°  | 1233.7 | 1242.9 | 1320.0 | 1426.9 | 1514.8 | 1535.5 | 1545.5 | 1506.5 | 1397.9 | 1271.9 | 1135.1 |
| 70°    | 1165.8 | 1179.8 | 1254.5 | 1363.9 | 1444.3 | 1459.3 | 1460.9 | 1436.9 | 1339.0 | 1206.4 | 1074.5 |
| 72.5°  | 1072.1 | 1083.7 | 1164.9 | 1276.0 | 1345.7 | 1363.1 | 1364.7 | 1328.3 | 1254.5 | 1116.8 | 987.5  |
| 75°    | 960.1  | 970.9  | 1033.9 | 1150.0 | 1218.8 | 1236.2 | 1234.6 | 1200.6 | 1122.6 | 992.5  | 872.2  |
| 77.5°  | 821.7  | 841.6  | 897.1  | 992.5  | 1059.6 | 1068.7 | 1070.4 | 1033.1 | 970.1  | 857.3  | 740.4  |
| 80°    | 648.4  | 667.4  | 730.5  | 801.8  | 858.1  | 865.6  | 868.1  | 836.6  | 779.4  | 679.9  | 580.4  |
| 82.5°  | 461.0  | 477.6  | 527.3  | 585.4  | 632.6  | 632.6  | 634.3  | 608.6  | 564.6  | 479.2  | 401.3  |
| 85°    | 262.8  | 275.3  | 308.4  | 349.9  | 383.9  | 379.7  | 380.6  | 357.4  | 328.3  | 262.0  | 212.3  |
| 87.5°  | 86.2   | 92.0   | 99.5   | 115.2  | 131.0  | 121.1  | 126.0  | 104.5  | 94.5   | 70.5   | 54.7   |
| 90°    | 45.6   | 45.6   | 43.9   | 42.3   | 39.0   | 34.0   | 34.0   | 27.4   | 20.7   | 13.3   | 5.0    |
| 92.5°  | 41.5   | 41.5   | 39.8   | 38.1   | 34.8   | 30.7   | 30.7   | 24.9   | 18.2   | 11.6   | 4.1    |
| 95°    | 34.0   | 34.0   | 33.2   | 31.5   | 29.0   | 25.7   | 24.9   | 20.7   | 15.8   | 9.1    | 3.3    |
| 97.5°  | 26.5   | 26.5   | 25.7   | 24.9   | 22.4   | 19.9   | 19.9   | 15.8   | 11.6   | 7.5    | 2.5    |
| 100°   | 19.9   | 19.9   | 19.9   | 18.2   | 17.4   | 14.9   | 14.9   | 12.4   | 9.1    | 5.8    | 1.7    |
| 102.5° | 14.1   | 14.9   | 14.1   | 13.3   | 12.4   | 10.8   | 10.8   | 9.1    | 6.6    | 4.1    | 1.7    |
| 105°   | 9.9    | 9.9    | 9.1    | 9.1    | 8.3    | 7.5    | 7.5    | 5.8    | 4.1    | 2.5    | 0.8    |
| 107.5° | 5.8    | 5.8    | 5.8    | 5.8    | 5.0    | 5.0    | 5.0    | 4.1    | 2.5    | 1.7    | 0.8    |
| 110°   | 3.3    | 3.3    | 3.3    | 3.3    | 2.5    | 2.5    | 2.5    | 1.7    | 1.7    | 0.8    | 0.8    |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°  | 5°  | 15° | 25° | 35° | 44° | 45° | 55° | 65° | 75° | 85° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 112.5° | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 0.8 | 0.8 | 0.8 | 0.8 |
| 115°   | 0.8 | 0.8 | 0.8 | 1.7 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 117.5° | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 120°   | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 122.5° | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 125°   | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 130°   | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 135°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 140°   | 0.8 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 142.5° | 0.8 | 0.8 | 0.8 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 145°   | 0.8 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 |
| 147.5° | 0.8 | 0.8 | 0.8 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 150°   | 0.8 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 |
| 155°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 |
| 160°   | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 |
| 162.5° | 0.8 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 |
| 165°   | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 167.5° | 0.8 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 170°   | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 |
| 172.5° | 0.8 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 175°   | 0.8 | 0.8 | 0.8 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 177.5° | 0.0 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 |
| 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°     | 280.2  | 280.2  | 280.2  | 280.2  | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 | 280.2 |
| 2.5°   | 284.4  | 284.4  | 283.6  | 282.7  | 282.7 | 282.7 | 281.9 | 281.9 | 281.9 | 281.1 | 281.1 |
| 5°     | 291.0  | 290.2  | 290.2  | 289.4  | 289.4 | 288.5 | 288.5 | 287.7 | 286.9 | 286.9 | 286.0 |
| 7.5°   | 300.1  | 299.3  | 297.7  | 298.5  | 296.8 | 296.0 | 295.2 | 295.2 | 295.2 | 294.3 | 294.3 |
| 10°    | 310.9  | 310.9  | 309.3  | 309.3  | 307.6 | 306.8 | 305.9 | 305.9 | 306.8 | 306.8 | 305.9 |
| 12.5°  | 325.0  | 324.2  | 324.2  | 323.4  | 322.5 | 321.7 | 322.5 | 322.5 | 321.7 | 320.9 | 320.0 |
| 15°    | 342.4  | 342.4  | 342.4  | 343.3  | 342.4 | 342.4 | 342.4 | 341.6 | 339.9 | 338.3 | 338.3 |
| 17.5°  | 369.0  | 368.1  | 366.5  | 367.3  | 369.0 | 371.4 | 369.0 | 366.5 | 364.0 | 364.0 | 363.2 |
| 20°    | 396.3  | 397.2  | 397.2  | 398.0  | 400.5 | 403.0 | 399.6 | 398.0 | 396.3 | 394.7 | 393.0 |
| 22.5°  | 426.2  | 427.0  | 427.0  | 426.2  | 427.8 | 427.0 | 425.3 | 423.7 | 422.0 | 419.5 | 417.9 |
| 25°    | 455.2  | 456.0  | 455.2  | 454.4  | 455.2 | 452.7 | 450.2 | 447.7 | 443.6 | 439.4 | 439.4 |
| 27.5°  | 487.5  | 486.7  | 483.4  | 484.2  | 482.6 | 480.9 | 475.9 | 470.1 | 464.3 | 460.2 | 460.2 |
| 30°    | 521.5  | 521.5  | 514.9  | 518.2  | 514.9 | 514.1 | 503.3 | 495.8 | 487.5 | 481.7 | 480.9 |
| 32.5°  | 558.8  | 557.2  | 552.2  | 555.5  | 552.2 | 548.9 | 535.6 | 525.7 | 511.6 | 503.3 | 502.5 |
| 35°    | 603.6  | 599.5  | 595.3  | 598.6  | 598.6 | 589.5 | 576.2 | 558.0 | 538.1 | 528.2 | 527.3 |
| 37.5°  | 658.3  | 655.8  | 650.9  | 655.0  | 658.3 | 649.2 | 629.3 | 602.8 | 574.6 | 559.7 | 558.8 |
| 40°    | 718.9  | 715.5  | 713.0  | 718.9  | 721.3 | 712.2 | 685.7 | 648.4 | 610.2 | 588.7 | 585.4 |
| 42.5°  | 776.1  | 768.6  | 764.5  | 772.7  | 770.3 | 760.3 | 723.8 | 680.7 | 628.5 | 603.6 | 599.5 |
| 45°    | 827.5  | 819.2  | 813.4  | 820.8  | 817.5 | 797.6 | 757.0 | 699.0 | 635.9 | 605.3 | 600.3 |
| 47.5°  | 878.0  | 865.6  | 856.5  | 866.4  | 859.8 | 829.1 | 779.4 | 708.1 | 627.6 | 591.2 | 582.9 |
| 50°    | 921.2  | 906.2  | 900.4  | 912.0  | 902.1 | 859.0 | 795.1 | 703.9 | 606.9 | 553.9 | 540.6 |
| 52.5°  | 972.6  | 950.2  | 944.4  | 966.8  | 944.4 | 887.2 | 798.4 | 694.0 | 559.7 | 495.8 | 483.4 |
| 55°    | 1024.8 | 999.9  | 990.8  | 1011.5 | 977.5 | 893.0 | 781.9 | 636.8 | 488.4 | 420.4 | 402.1 |
| 57.5°  | 1052.2 | 1028.9 | 1020.7 | 1035.6 | 972.6 | 836.6 | 708.1 | 530.6 | 381.4 | 305.1 | 285.2 |
| 60°    | 1077.0 | 1036.4 | 1025.6 | 1045.5 | 921.2 | 705.6 | 548.1 | 380.6 | 230.5 | 173.3 | 158.4 |
| 62.5°  | 1094.4 | 1055.5 | 1033.1 | 1042.2 | 826.6 | 513.2 | 315.1 | 183.2 | 87.1  | 60.5  | 59.7  |
| 65°    | 1085.3 | 1052.2 | 1037.2 | 1030.6 | 718.0 | 295.2 | 116.1 | 46.4  | 2.5   | 2.5   | 1.7   |
| 67.5°  | 1057.1 | 1020.7 | 1016.5 | 1022.3 | 710.6 | 283.6 | 107.8 | 42.3  | 0.0   | 0.0   | 0.0   |
| 70°    | 995.0  | 969.2  | 969.2  | 989.1  | 678.2 | 268.6 | 100.3 | 39.0  | 0.0   | 0.0   | 0.0   |
| 72.5°  | 911.2  | 891.3  | 902.9  | 932.8  | 630.1 | 247.9 | 90.4  | 34.8  | 0.0   | 0.0   | 0.0   |
| 75°    | 810.9  | 790.2  | 805.1  | 838.2  | 570.4 | 221.4 | 78.8  | 29.8  | 0.0   | 0.0   | 0.0   |
| 77.5°  | 683.2  | 669.1  | 692.3  | 723.0  | 490.8 | 186.6 | 64.7  | 24.0  | 0.0   | 0.0   | 0.0   |
| 80°    | 532.3  | 524.8  | 555.5  | 582.9  | 396.3 | 146.8 | 48.9  | 17.4  | 0.0   | 0.0   | 0.0   |
| 82.5°  | 367.3  | 364.0  | 393.8  | 422.0  | 283.6 | 102.8 | 33.2  | 11.6  | 0.0   | 0.0   | 0.0   |
| 85°    | 192.4  | 192.4  | 215.6  | 241.3  | 158.4 | 55.6  | 16.6  | 5.0   | 0.0   | 0.0   | 0.0   |
| 87.5°  | 42.3   | 40.6   | 43.9   | 56.4   | 31.5  | 10.8  | 2.5   | 0.8   | 0.0   | 0.0   | 0.0   |
| 90°    | 0.8    | 0.8    | 0.8    | 0.8    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 92.5°  | 0.8    | 0.8    | 0.8    | 0.8    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 95°    | 0.8    | 0.8    | 0.8    | 0.8    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 97.5°  | 0.8    | 0.8    | 0.8    | 0.8    | 0.8   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 100°   | 0.8    | 0.8    | 0.8    | 0.8    | 0.8   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 102.5° | 0.8    | 0.8    | 0.8    | 0.8    | 0.8   | 0.8   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 105°   | 0.8    | 0.8    | 0.8    | 0.8    | 0.8   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 107.5° | 0.8    | 0.8    | 0.8    | 0.8    | 0.8   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 110°   | 0.8    | 0.8    | 0.8    | 0.8    | 0.8   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |



REPORT NUMBER: P821585  
 CATALOG NUMBER: TT-D2-750-12VDC-WQ-HSS

**CANDELA DISTRIBUTION (continued):**

|        | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-----|-----|------|------|------|------|------|------|------|------|------|
| 112.5° | 0.8 | 0.8 | 0.8  | 0.8  | 0.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 115°   | 0.8 | 0.8 | 0.8  | 0.8  | 0.8  | 0.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 117.5° | 0.8 | 0.8 | 0.8  | 0.8  | 0.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 120°   | 0.8 | 0.8 | 0.8  | 0.8  | 0.8  | 0.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 122.5° | 0.8 | 0.8 | 0.8  | 0.8  | 0.8  | 0.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 125°   | 0.8 | 0.8 | 0.8  | 0.8  | 0.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 127.5° | 0.8 | 0.8 | 0.8  | 0.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 130°   | 0.8 | 0.8 | 0.8  | 0.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 132.5° | 0.8 | 0.8 | 0.8  | 0.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 135°   | 0.8 | 0.8 | 0.8  | 0.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 137.5° | 0.8 | 0.8 | 0.8  | 0.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 140°   | 0.8 | 0.8 | 0.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 142.5° | 0.8 | 0.8 | 0.8  | 0.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 145°   | 0.8 | 0.8 | 0.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 147.5° | 0.8 | 0.8 | 0.8  | 0.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 150°   | 0.8 | 0.8 | 0.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 152.5° | 0.8 | 0.8 | 0.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 155°   | 0.8 | 0.8 | 0.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 157.5° | 0.8 | 0.8 | 0.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 160°   | 0.8 | 0.8 | 0.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 162.5° | 0.8 | 0.8 | 0.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 165°   | 0.8 | 0.8 | 0.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 167.5° | 0.8 | 0.8 | 0.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 170°   | 0.8 | 0.8 | 0.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 172.5° | 0.8 | 0.8 | 0.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 175°   | 0.8 | 0.8 | 0.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 177.5° | 0.8 | 0.8 | 0.8  | 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  |

(END OF REPORT)