

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: P436844

Luminaire Tested: **TT-D4-750-U-T4-PM-HSS**

Issue Date: 12/2/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P436844  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2010-017-4)  
Test Lab: INNOVATION CENTER  
Issue Date: 12/2/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: TT-D4-750-U-T4-PM-HSS  
Description: TOPTIER LED SITE LUMINAIRE  
5000K, 70 CRI LEDS AND DRIVE LANE DISTRIBUTION WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

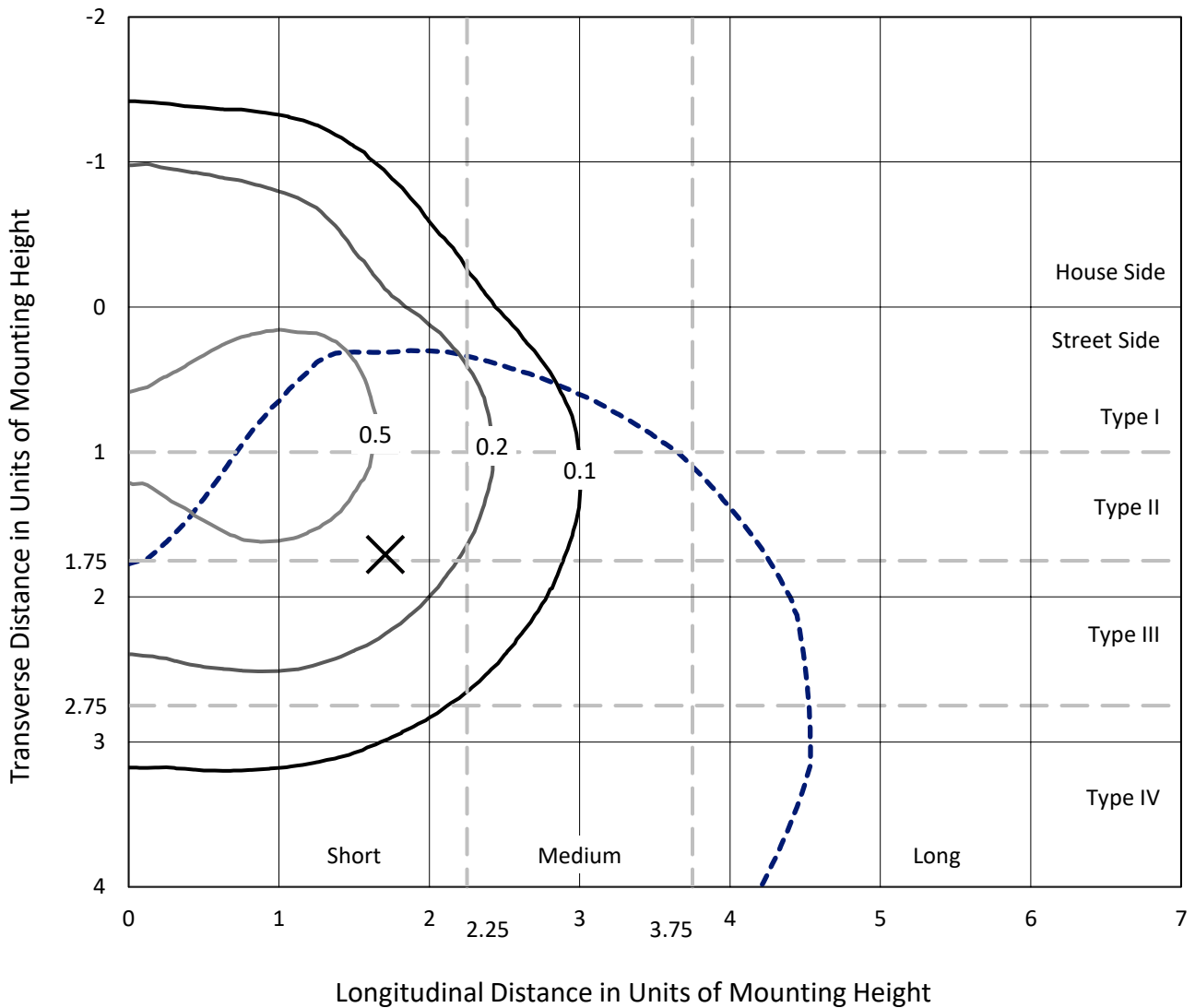
Lumens per Lamp: N/A  
Luminaire Lumens: 5567.1 lumens  
Efficiency: N/A  
Efficacy: 93.1 lumens/watt  
Luminous Opening: Circular (Dia: 1.12' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U1 - G3  
  
Input Watts (W): 59.8  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage 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: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

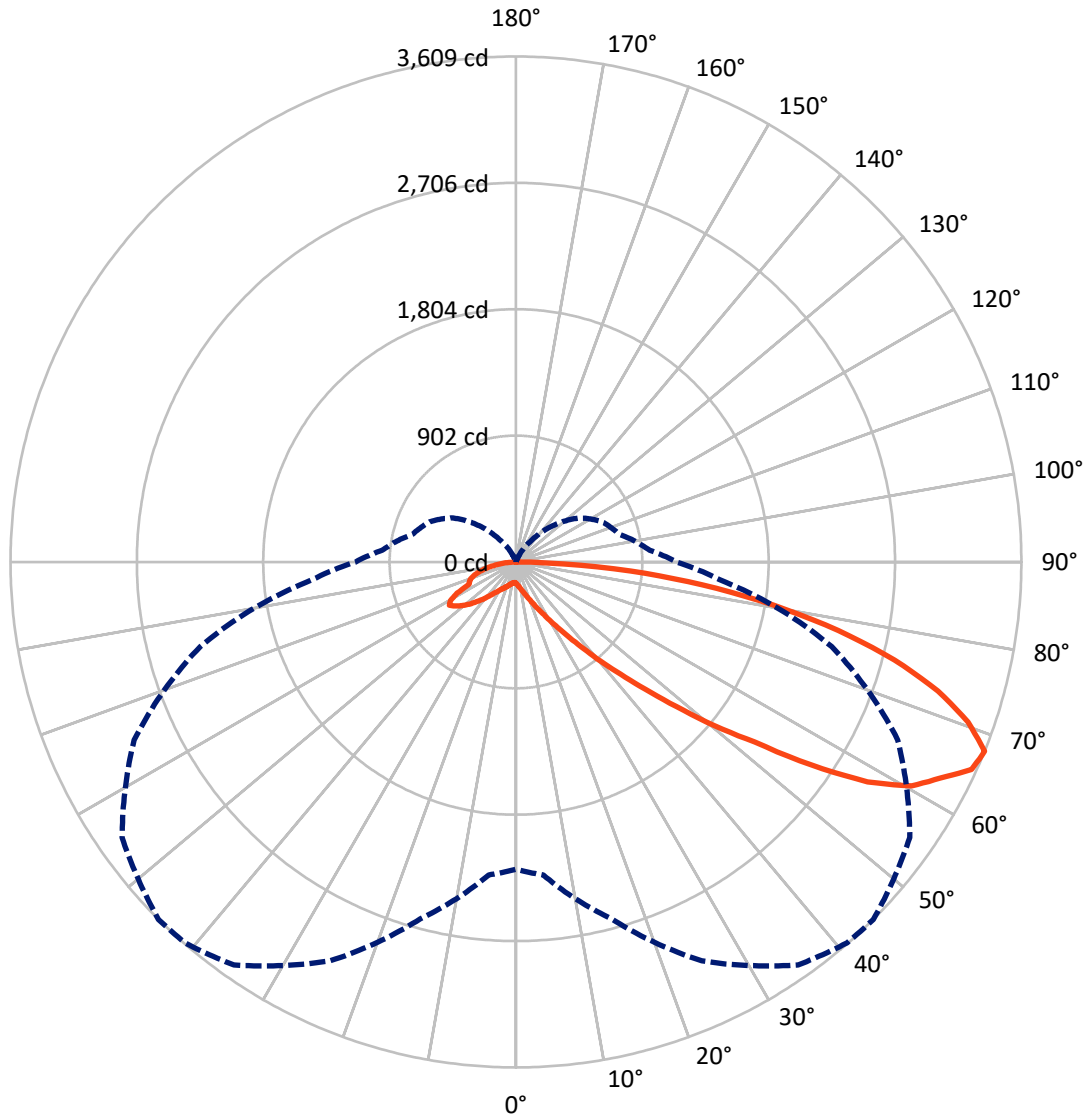
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.8 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral    - - - Horizontal Cone Through 67.5-Deg Vertical

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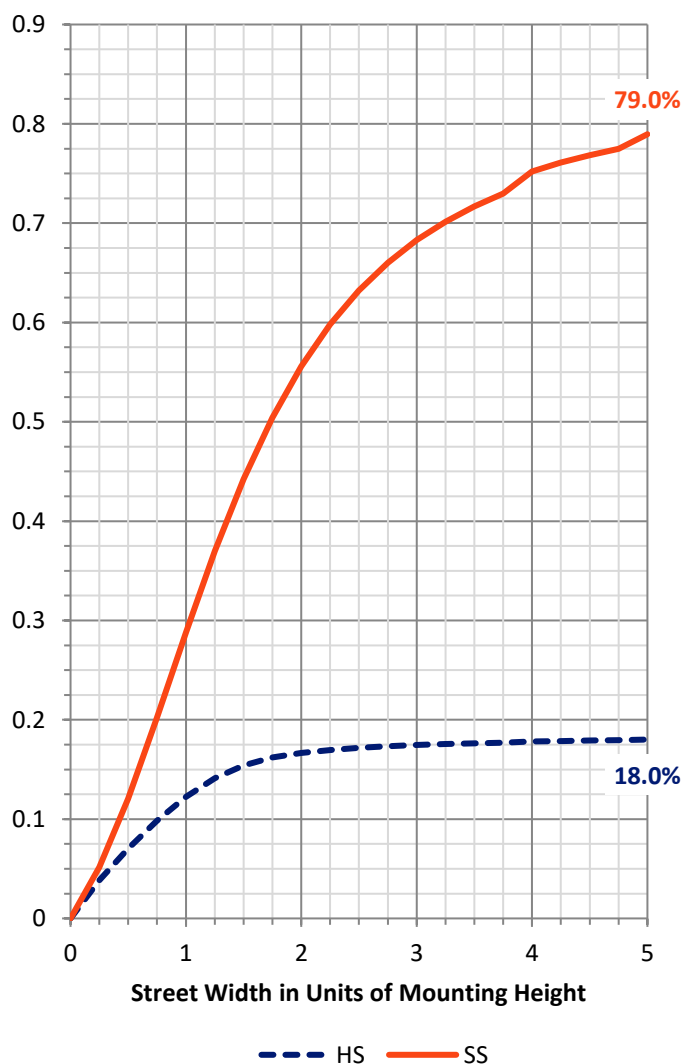
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1011.5   | 1.2    | 1012.6 |
|                    | % Fixture | 18.2     | 0.0    | 18.2   |
| <b>Street Side</b> | Lumens    | 4542.0   | 12.4   | 4554.4 |
|                    | % Fixture | 81.6     | 0.2    | 81.8   |
| <b>Total</b>       | Lumens    | 5553.4   | 13.6   | 5567.1 |
|                    | % Fixture | 99.8     | 0.2    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 15.7   | 0.3       |
| 10°-20°   | 58.6   | 1.1       |
| 20°-30°   | 135.1  | 2.4       |
| 30°-40°   | 288.0  | 5.2       |
| 40°-50°   | 602.9  | 10.8      |
| 50°-60°   | 1143.6 | 20.5      |
| 60°-70°   | 1556.4 | 28.0      |
| 70°-80°   | 1338.2 | 24.0      |
| 80°-90°   | 414.9  | 7.5       |
| 90°-100°  | 8.8    | 0.2       |
| 100°-110° | 2.5    | 0.0       |
| 110°-120° | 0.7    | 0.0       |
| 120°-130° | 0.5    | 0.0       |
| 130°-140° | 0.4    | 0.0       |
| 140°-150° | 0.3    | 0.0       |
| 150°-160° | 0.2    | 0.0       |
| 160°-170° | 0.1    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 5553.4 | 99.8      |
| 0°-180°   | 5567.1 | 100.0     |

**Coefficient of Utilization**



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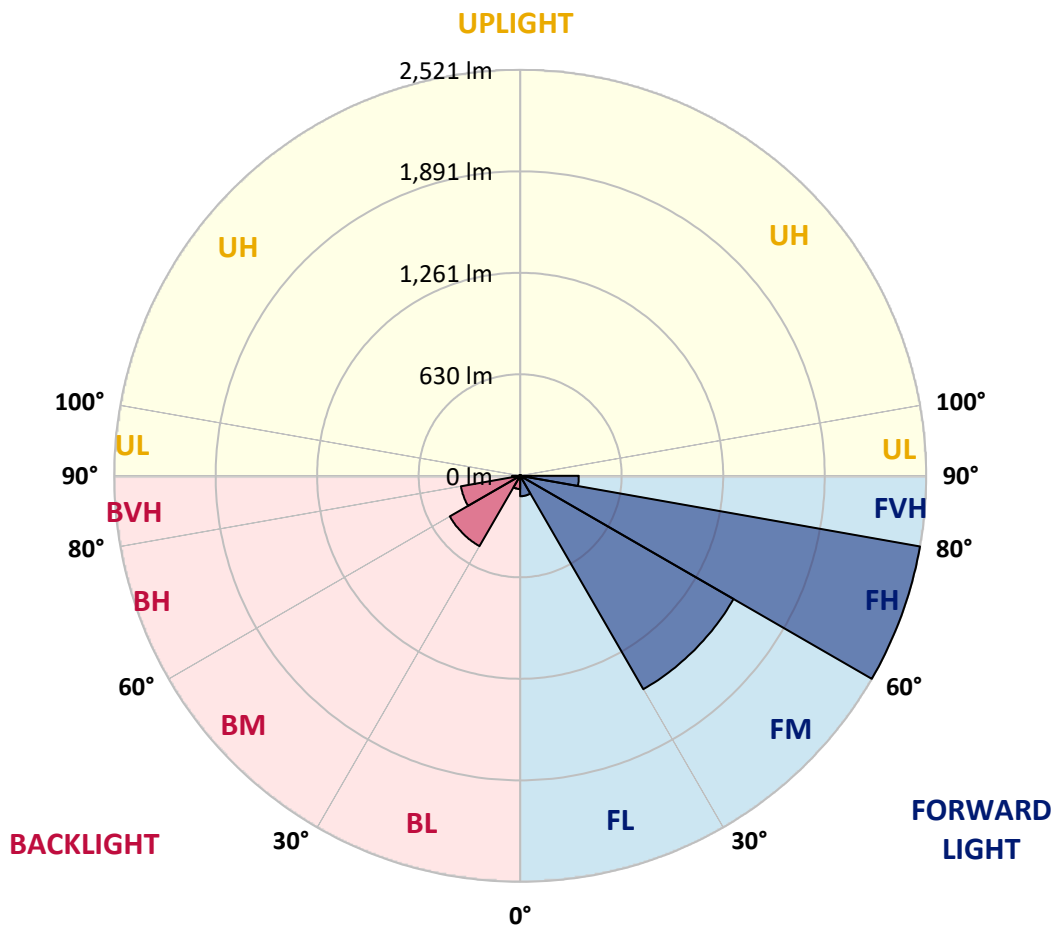
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |       |         |
|----------------|--------|-----------|-------------------------|-------|---------|
|                |        |           | B                       | U     | G       |
| FL (0°-30°)    | 126.9  | 2.3       |                         |       |         |
| FM (30°-60°)   | 1530.0 | 27.5      |                         |       |         |
| FH (60°-80°)   | 2521.0 | 45.3      |                         |       | G2/5000 |
| FVH (80°-90°)  | 364.1  | 6.5       |                         |       | G3/500  |
| BL (0°-30°)    | 82.5   | 1.5       | B0/110                  |       |         |
| BM (30°-60°)   | 504.5  | 9.1       | B1/1000                 |       |         |
| BH (60°-80°)   | 373.6  | 6.7       | B1/500                  |       | G1/500  |
| BVH (80°-90°)  | 50.8   | 0.9       |                         |       | G1/100  |
| UL (90°-100°)  | 8.8    | 0.2       |                         | U1/10 |         |
| UH (100°-180°) | 4.8    | 0.1       |                         | U1/10 |         |

**BUG Rating: B1-U1-G3**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 41°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 152.3  | 152.3  | 152.3  | 152.3  | 152.3  | 152.3  | 152.3  | 152.3  | 152.3  | 152.3  | 152.3  |
| 2.5°   | 165.3  | 164.1  | 164.1  | 163.0  | 163.0  | 160.6  | 160.6  | 159.4  | 158.2  | 157.0  | 154.7  |
| 5°     | 177.1  | 175.9  | 175.9  | 174.8  | 173.6  | 171.2  | 170.0  | 167.7  | 165.3  | 163.0  | 160.6  |
| 7.5°   | 191.3  | 190.1  | 190.1  | 188.9  | 186.6  | 183.0  | 181.8  | 178.3  | 174.8  | 171.2  | 167.7  |
| 10°    | 209.0  | 207.8  | 207.8  | 205.5  | 203.1  | 199.6  | 197.2  | 192.5  | 188.9  | 183.0  | 177.1  |
| 12.5°  | 227.9  | 226.7  | 226.7  | 224.4  | 219.6  | 217.3  | 214.9  | 209.0  | 203.1  | 196.0  | 188.9  |
| 15°    | 249.2  | 249.2  | 249.2  | 248.0  | 243.2  | 238.5  | 236.2  | 229.1  | 222.0  | 211.4  | 201.9  |
| 17.5°  | 276.3  | 275.1  | 275.1  | 272.8  | 266.9  | 264.5  | 261.0  | 252.7  | 242.1  | 230.3  | 218.5  |
| 20°    | 309.4  | 308.2  | 305.8  | 304.7  | 298.7  | 296.4  | 291.7  | 282.2  | 268.0  | 252.7  | 236.2  |
| 22.5°  | 342.4  | 342.4  | 341.3  | 342.4  | 337.7  | 335.4  | 329.4  | 316.5  | 299.9  | 277.5  | 257.4  |
| 25°    | 380.2  | 381.4  | 383.8  | 387.3  | 381.4  | 379.0  | 374.3  | 357.8  | 337.7  | 309.4  | 281.0  |
| 27.5°  | 427.5  | 427.5  | 433.4  | 439.3  | 434.5  | 433.4  | 426.3  | 408.6  | 380.2  | 346.0  | 312.9  |
| 30°    | 478.2  | 479.4  | 488.9  | 499.5  | 497.1  | 497.1  | 491.2  | 471.1  | 436.9  | 396.8  | 350.7  |
| 32.5°  | 537.3  | 542.0  | 551.4  | 563.2  | 571.5  | 571.5  | 569.2  | 547.9  | 507.8  | 453.4  | 396.8  |
| 35°    | 615.2  | 606.9  | 624.7  | 642.4  | 660.1  | 663.6  | 664.8  | 644.7  | 598.7  | 530.2  | 453.4  |
| 37.5°  | 682.5  | 681.3  | 708.5  | 739.2  | 768.7  | 780.5  | 784.1  | 765.2  | 706.1  | 616.4  | 514.8  |
| 40°    | 760.4  | 767.5  | 804.1  | 850.2  | 899.8  | 919.9  | 929.3  | 908.0  | 834.8  | 719.1  | 585.7  |
| 42.5°  | 841.9  | 863.2  | 909.2  | 978.9  | 1054.5 | 1084.0 | 1094.6 | 1074.5 | 988.3  | 847.8  | 675.4  |
| 45°    | 937.6  | 967.1  | 1028.5 | 1127.7 | 1226.9 | 1270.6 | 1294.2 | 1287.1 | 1198.5 | 1023.8 | 791.1  |
| 47.5°  | 1055.6 | 1076.9 | 1160.7 | 1294.2 | 1434.7 | 1506.7 | 1539.8 | 1559.9 | 1433.5 | 1205.6 | 892.7  |
| 50°    | 1189.1 | 1192.6 | 1308.3 | 1477.2 | 1682.7 | 1778.3 | 1836.2 | 1826.7 | 1676.8 | 1414.6 | 1021.4 |
| 52.5°  | 1323.7 | 1320.2 | 1471.3 | 1700.4 | 1969.6 | 2094.8 | 2133.7 | 2172.7 | 2025.1 | 1733.4 | 1228.0 |
| 55°    | 1477.2 | 1470.1 | 1660.2 | 1950.7 | 2284.9 | 2450.2 | 2560.0 | 2614.3 | 2381.7 | 1943.6 | 1317.8 |
| 57.5°  | 1604.7 | 1627.2 | 1865.7 | 2215.2 | 2681.6 | 2889.5 | 2961.5 | 2932.0 | 2577.7 | 2049.9 | 1361.5 |
| 60°    | 1766.5 | 1799.6 | 2071.2 | 2561.2 | 3025.3 | 3179.9 | 3246.1 | 3111.5 | 2702.9 | 2130.2 | 1392.2 |
| 62.5°  | 1918.8 | 1961.3 | 2296.7 | 2842.2 | 3240.2 | 3381.9 | 3398.4 | 3252.0 | 2878.8 | 2288.4 | 1481.9 |
| 65°    | 2061.7 | 2110.1 | 2521.0 | 3008.7 | 3427.9 | 3546.0 | 3574.3 | 3458.6 | 3065.4 | 2381.7 | 1517.3 |
| 67.5°  | 2192.8 | 2243.6 | 2636.8 | 3142.2 | 3511.7 | 3602.7 | 3608.6 | 3432.6 | 3007.5 | 2333.3 | 1460.7 |
| 70°    | 2293.1 | 2315.6 | 2692.3 | 3138.6 | 3412.6 | 3448.0 | 3424.4 | 3247.2 | 2871.7 | 2234.1 | 1379.2 |
| 72.5°  | 2313.2 | 2329.8 | 2615.5 | 2963.8 | 3137.4 | 3170.5 | 3151.6 | 2995.7 | 2658.0 | 2057.0 | 1246.9 |
| 75°    | 2211.7 | 2215.2 | 2408.9 | 2649.8 | 2776.1 | 2816.2 | 2791.4 | 2647.4 | 2336.8 | 1806.6 | 1073.4 |
| 77.5°  | 1946.0 | 1953.1 | 2070.0 | 2231.7 | 2338.0 | 2372.3 | 2353.4 | 2221.1 | 1957.8 | 1517.3 | 888.0  |
| 80°    | 1542.1 | 1556.3 | 1640.2 | 1752.3 | 1849.2 | 1884.6 | 1862.1 | 1755.9 | 1541.0 | 1192.6 | 693.1  |
| 82.5°  | 1050.9 | 1068.6 | 1145.4 | 1238.7 | 1323.7 | 1357.9 | 1339.0 | 1271.7 | 1111.1 | 859.6  | 494.8  |
| 85°    | 531.4  | 550.3  | 629.4  | 716.8  | 791.1  | 827.8  | 821.8  | 793.5  | 683.7  | 530.2  | 298.7  |
| 87.5°  | 83.8   | 92.1   | 125.2  | 166.5  | 212.5  | 246.8  | 225.5  | 223.2  | 177.1  | 141.7  | 72.0   |
| 90°    | 34.2   | 34.2   | 33.1   | 31.9   | 28.3   | 26.0   | 24.8   | 20.1   | 15.4   | 9.4    | 3.5    |
| 92.5°  | 30.7   | 30.7   | 29.5   | 27.2   | 24.8   | 23.6   | 21.3   | 17.7   | 13.0   | 8.3    | 3.5    |
| 95°    | 24.8   | 24.8   | 23.6   | 22.4   | 20.1   | 18.9   | 16.5   | 14.2   | 10.6   | 7.1    | 3.5    |
| 97.5°  | 18.9   | 18.9   | 17.7   | 16.5   | 15.4   | 13.0   | 13.0   | 10.6   | 7.1    | 4.7    | 2.4    |
| 100°   | 14.2   | 14.2   | 13.0   | 11.8   | 10.6   | 9.4    | 9.4    | 7.1    | 4.7    | 3.5    | 2.4    |
| 102.5° | 9.4    | 9.4    | 9.4    | 8.3    | 7.1    | 7.1    | 5.9    | 4.7    | 3.5    | 2.4    | 2.4    |
| 105°   | 5.9    | 5.9    | 5.9    | 5.9    | 4.7    | 3.5    | 3.5    | 2.4    | 2.4    | 2.4    | 2.4    |
| 107.5° | 3.5    | 3.5    | 3.5    | 3.5    | 2.4    | 2.4    | 2.4    | 2.4    | 2.4    | 2.4    | 2.4    |
| 110°   | 2.4    | 2.4    | 2.4    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 1.2    | 2.4    | 1.2    |



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 CATALOG NUMBER: TT-D4-750-U-T4-PM-HSS

**CANDELA DISTRIBUTION (continued):**

|        | 0°  | 5°  | 15° | 25° | 35° | 41° | 45° | 55° | 65° | 75° | 85° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 112.5° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 115°   | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 120°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 125°   | 0.0 | 0.0 | 0.0 | 1.2 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 127.5° | 0.0 | 0.0 | 0.0 | 1.2 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 130°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 135°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 140°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 |
| 142.5° | 1.2 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 145°   | 1.2 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 147.5° | 1.2 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 150°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 |
| 155°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 160°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 165°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 170°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 175°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 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°     | 152.3  | 152.3 | 152.3 | 152.3 | 152.3 | 152.3 | 152.3 | 152.3 | 152.3 | 152.3 | 152.3 |
| 2.5°   | 154.7  | 153.5 | 151.1 | 150.0 | 147.6 | 147.6 | 146.4 | 145.2 | 145.2 | 145.2 | 145.2 |
| 5°     | 158.2  | 157.0 | 154.7 | 152.3 | 150.0 | 147.6 | 146.4 | 145.2 | 145.2 | 145.2 | 144.1 |
| 7.5°   | 165.3  | 163.0 | 159.4 | 155.9 | 152.3 | 150.0 | 148.8 | 147.6 | 146.4 | 146.4 | 146.4 |
| 10°    | 173.6  | 171.2 | 165.3 | 161.8 | 157.0 | 153.5 | 152.3 | 151.1 | 150.0 | 150.0 | 150.0 |
| 12.5°  | 184.2  | 180.7 | 173.6 | 167.7 | 163.0 | 159.4 | 157.0 | 155.9 | 155.9 | 154.7 | 155.9 |
| 15°    | 197.2  | 192.5 | 183.0 | 175.9 | 170.0 | 166.5 | 164.1 | 163.0 | 163.0 | 163.0 | 161.8 |
| 17.5°  | 211.4  | 205.5 | 193.7 | 185.4 | 178.3 | 174.8 | 172.4 | 171.2 | 171.2 | 171.2 | 171.2 |
| 20°    | 227.9  | 219.6 | 206.6 | 196.0 | 188.9 | 184.2 | 181.8 | 181.8 | 180.7 | 181.8 | 181.8 |
| 22.5°  | 245.6  | 236.2 | 219.6 | 207.8 | 198.4 | 193.7 | 191.3 | 191.3 | 191.3 | 192.5 | 193.7 |
| 25°    | 266.9  | 255.1 | 235.0 | 219.6 | 209.0 | 204.3 | 201.9 | 203.1 | 203.1 | 204.3 | 204.3 |
| 27.5°  | 295.2  | 277.5 | 252.7 | 233.8 | 222.0 | 216.1 | 213.7 | 214.9 | 216.1 | 216.1 | 216.1 |
| 30°    | 327.1  | 305.8 | 271.6 | 251.5 | 237.3 | 230.3 | 227.9 | 229.1 | 230.3 | 232.6 | 231.4 |
| 32.5°  | 366.1  | 340.1 | 299.9 | 271.6 | 256.2 | 248.0 | 245.6 | 244.4 | 246.8 | 249.2 | 249.2 |
| 35°    | 413.3  | 380.2 | 333.0 | 299.9 | 277.5 | 266.9 | 264.5 | 263.3 | 264.5 | 266.9 | 269.2 |
| 37.5°  | 464.1  | 423.9 | 366.1 | 331.8 | 307.0 | 295.2 | 289.3 | 284.6 | 285.8 | 286.9 | 290.5 |
| 40°    | 521.9  | 472.3 | 403.8 | 362.5 | 340.1 | 325.9 | 317.6 | 310.6 | 312.9 | 312.9 | 314.1 |
| 42.5°  | 595.1  | 532.5 | 451.1 | 399.1 | 375.5 | 360.1 | 347.2 | 338.9 | 334.2 | 335.4 | 330.6 |
| 45°    | 690.8  | 612.8 | 510.1 | 451.1 | 418.0 | 394.4 | 379.0 | 362.5 | 350.7 | 353.1 | 346.0 |
| 47.5°  | 769.9  | 676.6 | 565.6 | 500.7 | 465.2 | 435.7 | 403.8 | 380.2 | 363.7 | 361.3 | 356.6 |
| 50°    | 866.7  | 754.5 | 629.4 | 555.0 | 517.2 | 472.3 | 434.5 | 394.4 | 367.2 | 360.1 | 361.3 |
| 52.5°  | 1029.7 | 891.5 | 720.3 | 628.2 | 562.1 | 508.9 | 451.1 | 395.6 | 359.0 | 348.3 | 351.9 |
| 55°    | 1088.7 | 937.6 | 767.5 | 688.4 | 623.5 | 540.8 | 458.2 | 382.6 | 335.4 | 325.9 | 327.1 |
| 57.5°  | 1101.7 | 937.6 | 771.1 | 707.3 | 653.0 | 566.8 | 454.6 | 353.1 | 290.5 | 282.2 | 281.0 |
| 60°    | 1108.8 | 931.7 | 758.1 | 693.1 | 634.1 | 542.0 | 408.6 | 284.6 | 223.2 | 217.3 | 213.7 |
| 62.5°  | 1174.9 | 981.3 | 771.1 | 682.5 | 598.7 | 475.9 | 310.6 | 181.8 | 124.0 | 122.8 | 120.4 |
| 65°    | 1195.0 | 999.0 | 787.6 | 689.6 | 559.7 | 369.6 | 184.2 | 61.4  | 13.0  | 14.2  | 11.8  |
| 67.5°  | 1145.4 | 958.8 | 764.0 | 679.0 | 547.9 | 360.1 | 177.1 | 52.0  | 0.0   | 0.0   | 0.0   |
| 70°    | 1076.9 | 901.0 | 722.7 | 642.4 | 523.1 | 346.0 | 173.6 | 52.0  | 0.0   | 0.0   | 0.0   |
| 72.5°  | 968.3  | 818.3 | 656.5 | 592.8 | 480.6 | 317.6 | 161.8 | 49.6  | 0.0   | 0.0   | 0.0   |
| 75°    | 840.7  | 712.0 | 575.1 | 525.5 | 426.3 | 278.7 | 145.2 | 44.9  | 0.0   | 0.0   | 0.0   |
| 77.5°  | 703.8  | 594.0 | 480.6 | 442.8 | 360.1 | 237.3 | 122.8 | 37.8  | 0.0   | 0.0   | 0.0   |
| 80°    | 552.6  | 470.0 | 379.0 | 353.1 | 284.6 | 188.9 | 98.0  | 29.5  | 0.0   | 0.0   | 0.0   |
| 82.5°  | 397.9  | 341.3 | 279.9 | 258.6 | 209.0 | 137.0 | 70.8  | 20.1  | 0.0   | 0.0   | 0.0   |
| 85°    | 245.6  | 213.7 | 180.7 | 167.7 | 132.3 | 85.0  | 42.5  | 10.6  | 0.0   | 0.0   | 0.0   |
| 87.5°  | 73.2   | 70.8  | 63.8  | 62.6  | 44.9  | 26.0  | 9.4   | 1.2   | 0.0   | 0.0   | 0.0   |
| 90°    | 1.2    | 1.2   | 1.2   | 1.2   | 1.2   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 92.5°  | 1.2    | 1.2   | 1.2   | 1.2   | 1.2   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 95°    | 1.2    | 1.2   | 1.2   | 1.2   | 1.2   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 97.5°  | 1.2    | 1.2   | 1.2   | 1.2   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 100°   | 1.2    | 1.2   | 1.2   | 1.2   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 102.5° | 1.2    | 1.2   | 1.2   | 1.2   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 105°   | 1.2    | 1.2   | 1.2   | 1.2   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 107.5° | 1.2    | 1.2   | 1.2   | 1.2   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 110°   | 1.2    | 1.2   | 1.2   | 1.2   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |



REPORT NUMBER: P436844  
 CATALOG NUMBER: TT-D4-750-U-T4-PM-HSS

**CANDELA DISTRIBUTION (continued):**

|        | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-----|-----|------|------|------|------|------|------|------|------|------|
| 112.5° | 1.2 | 1.2 | 1.2  | 1.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 115°   | 1.2 | 1.2 | 1.2  | 1.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 117.5° | 1.2 | 1.2 | 1.2  | 1.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 120°   | 1.2 | 1.2 | 1.2  | 1.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 122.5° | 1.2 | 1.2 | 1.2  | 1.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 125°   | 1.2 | 1.2 | 1.2  | 1.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 127.5° | 1.2 | 1.2 | 1.2  | 1.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 130°   | 1.2 | 1.2 | 1.2  | 1.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 132.5° | 1.2 | 1.2 | 1.2  | 1.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 135°   | 1.2 | 1.2 | 1.2  | 1.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 137.5° | 1.2 | 1.2 | 1.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 140°   | 1.2 | 1.2 | 1.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 142.5° | 1.2 | 1.2 | 1.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 145°   | 1.2 | 1.2 | 1.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 147.5° | 1.2 | 1.2 | 1.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 150°   | 1.2 | 1.2 | 1.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 152.5° | 1.2 | 1.2 | 1.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 155°   | 1.2 | 1.2 | 1.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 157.5° | 1.2 | 1.2 | 1.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 160°   | 1.2 | 1.2 | 1.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 162.5° | 1.2 | 1.2 | 1.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 165°   | 1.2 | 1.2 | 1.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 167.5° | 1.2 | 1.2 | 1.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 170°   | 1.2 | 1.2 | 1.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 172.5° | 1.2 | 1.2 | 1.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 175°   | 1.2 | 1.2 | 1.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 177.5° | 1.2 | 1.2 | 1.2  | 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)