

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: P1245516

Luminaire Tested: **TT-D7-AMB-U-RW-HSS**

Issue Date: 2/1/2026

**Test Information**

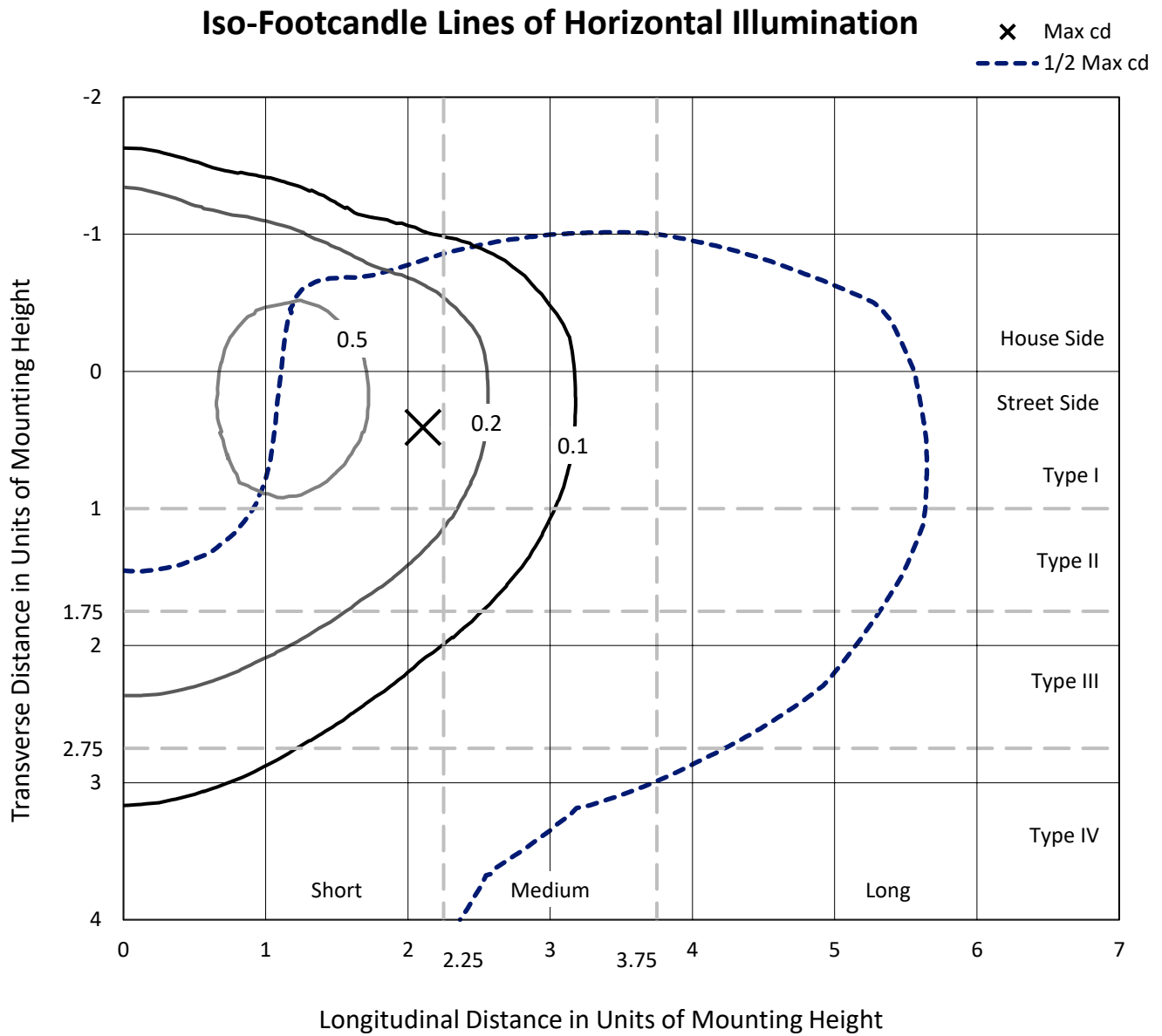
Test Method: LM-79-08  
Report Number: P1245516  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2010-017-5)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/1/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: TT-D7-AMB-U-RW-HSS  
Description: TOPTIER LED PARKING GARAGE LUMINAIRE  
NARROW BAND AMBER LEDS AND RECTANGULAR DISTRIBUTION WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1299.9 lumens  
Efficiency: N/A  
Efficacy: 26.5 lumens/watt  
Luminous Opening: Circular (Dia: 1.12' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U1 - G1  
  
Input Watts (W): 49.1  
Input Voltage (V): 120.0  
Input Current (Ain): 0.417  
Voltage Rise (V): NR  
Power Factor: 0.979  
Total Harmonic Distortion (THDi): 13.88%  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

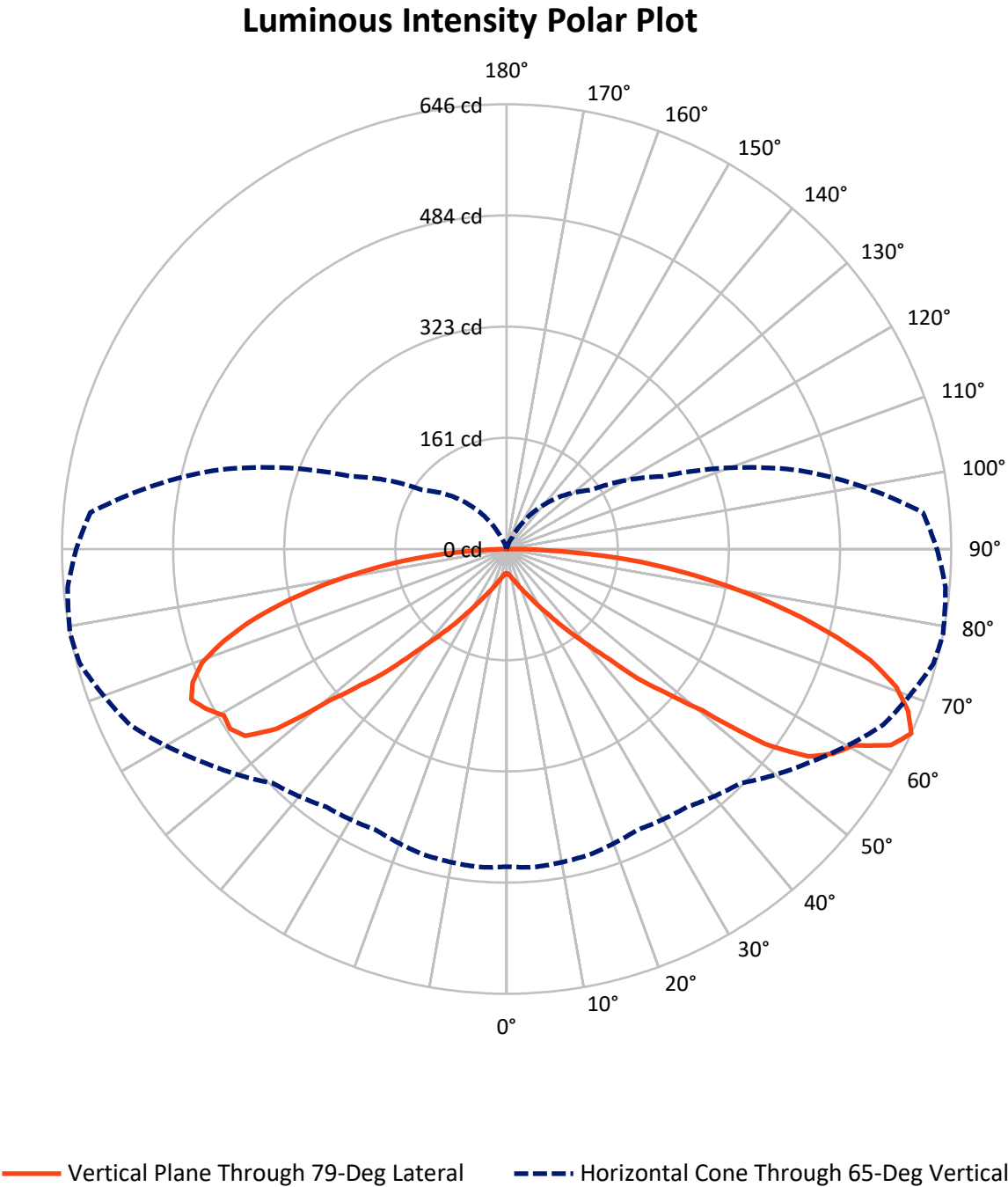


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 CATALOG NUMBER: TT-D7-AMB-U-RW-HSS



Based on 12 foot mounting height. Maximum calculated value = 0.7 fc  
 Type IV - Short - N/A

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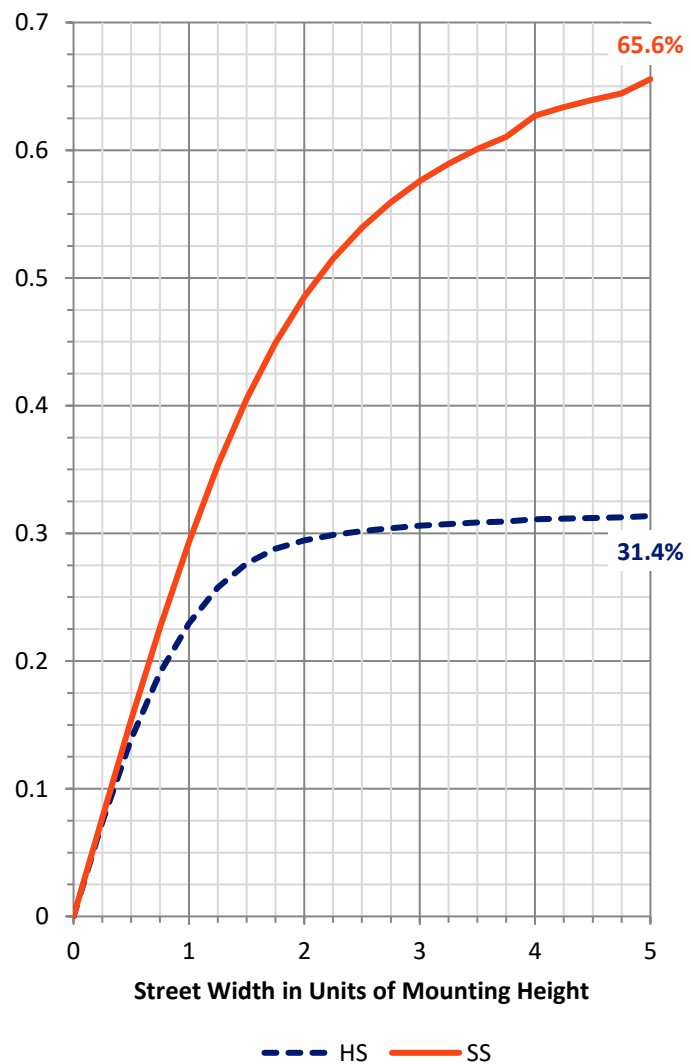
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 410.5    | 0.5    | 411.0  |
|                    | % Fixture | 31.6     | 0.0    | 31.6   |
| <b>Street Side</b> | Lumens    | 883.2    | 5.7    | 888.9  |
|                    | % Fixture | 67.9     | 0.4    | 68.4   |
| <b>Total</b>       | Lumens    | 1293.8   | 6.2    | 1299.9 |
|                    | % Fixture | 99.5     | 0.5    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 3.7    | 0.3       |
| 10°-20°   | 14.0   | 1.1       |
| 20°-30°   | 32.3   | 2.5       |
| 30°-40°   | 69.2   | 5.3       |
| 40°-50°   | 148.2  | 11.4      |
| 50°-60°   | 279.9  | 21.5      |
| 60°-70°   | 347.9  | 26.8      |
| 70°-80°   | 297.8  | 22.9      |
| 80°-90°   | 100.7  | 7.7       |
| 90°-100°  | 4.3    | 0.3       |
| 100°-110° | 1.2    | 0.1       |
| 110°-120° | 0.3    | 0.0       |
| 120°-130° | 0.1    | 0.0       |
| 130°-140° | 0.1    | 0.0       |
| 140°-150° | 0.1    | 0.0       |
| 150°-160° | 0.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 1293.8 | 99.5      |
| 0°-180°   | 1299.9 | 100.0     |

**Coefficient of Utilization**



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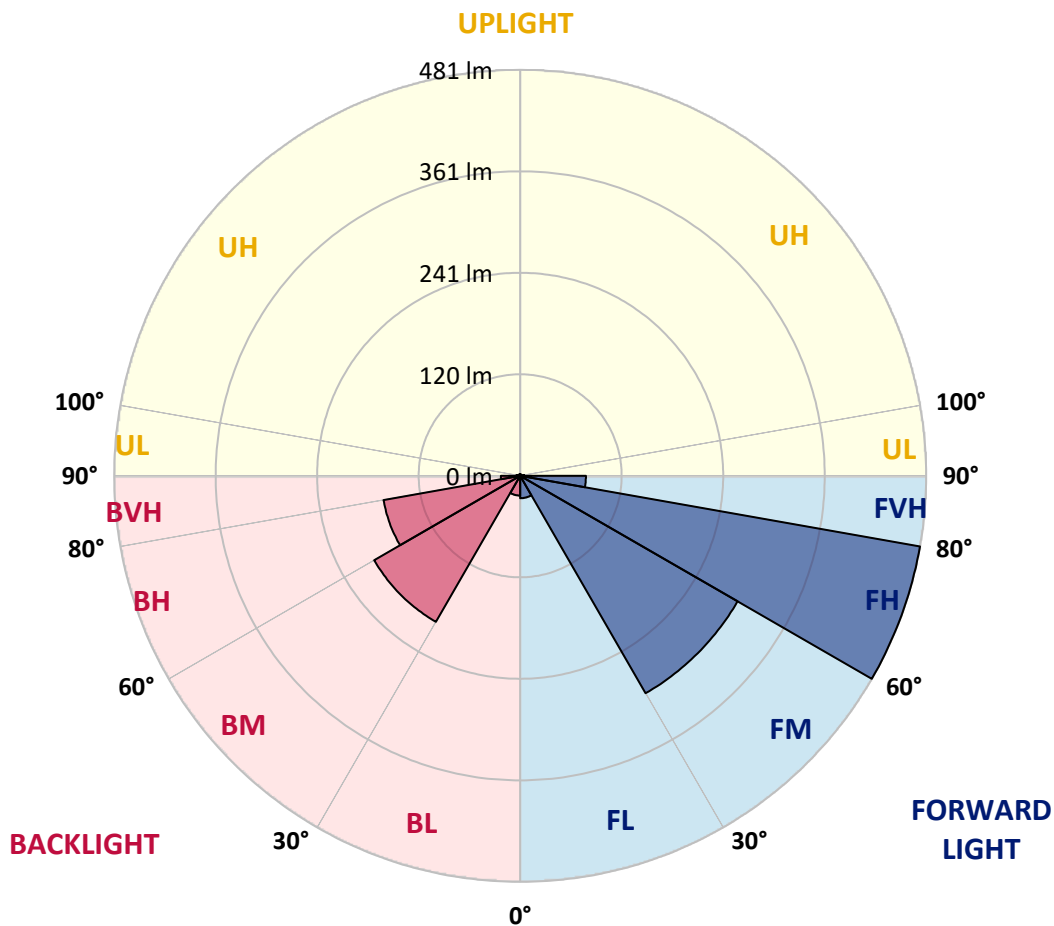
CATALOG NUMBER: TT-D7-AMB-U-RW-HSS

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |       |        |
|------|-------------|--------|-----------|-------------------------|-------|--------|
|      |             |        |           | B                       | U     | G      |
| FL   | (0°-30°)    | 26.6   | 2.0       |                         |       |        |
| FM   | (30°-60°)   | 297.5  | 22.9      |                         |       |        |
| FH   | (60°-80°)   | 481.2  | 37.0      |                         |       | G0/660 |
| FVH  | (80°-90°)   | 77.9   | 6.0       |                         |       | G1/100 |
| BL   | (0°-30°)    | 23.4   | 1.8       | B0/110                  |       |        |
| BM   | (30°-60°)   | 199.8  | 15.4      | B0/220                  |       |        |
| BH   | (60°-80°)   | 164.5  | 12.7      | B1/500                  |       | G1/500 |
| BVH  | (80°-90°)   | 22.8   | 1.8       |                         |       | G1/100 |
| UL   | (90°-100°)  | 4.3    | 0.3       |                         | U1/10 |        |
| UH   | (100°-180°) | 1.8    | 0.1       |                         | U1/10 |        |

**BUG Rating: B1-U1-G1**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 15°   | 25°   | 35°   | 45°   | 55°   | 65°   | 75°   | 79°   | 85°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 35.3  | 35.3  | 35.3  | 35.3  | 35.3  | 35.3  | 35.3  | 35.3  | 35.3  | 35.3  | 35.3  |
| 2.5°   | 37.3  | 37.3  | 37.3  | 36.9  | 36.9  | 36.9  | 36.6  | 36.3  | 36.0  | 36.0  | 36.0  |
| 5°     | 39.2  | 39.2  | 39.2  | 39.2  | 38.9  | 38.5  | 38.2  | 37.9  | 37.6  | 37.6  | 37.3  |
| 7.5°   | 41.8  | 41.5  | 41.8  | 41.5  | 41.5  | 41.1  | 40.8  | 40.5  | 39.8  | 39.8  | 39.5  |
| 10°    | 44.4  | 44.4  | 44.4  | 44.4  | 44.4  | 44.1  | 43.7  | 43.4  | 43.1  | 42.8  | 42.4  |
| 12.5°  | 47.6  | 47.6  | 47.6  | 47.3  | 47.6  | 47.3  | 47.0  | 47.0  | 46.6  | 46.0  | 46.0  |
| 15°    | 50.9  | 50.9  | 50.9  | 50.9  | 51.2  | 51.2  | 51.2  | 50.9  | 50.9  | 50.5  | 50.2  |
| 17.5°  | 54.7  | 54.4  | 54.7  | 54.7  | 55.1  | 55.4  | 55.7  | 56.0  | 56.0  | 55.7  | 55.7  |
| 20°    | 59.0  | 58.6  | 59.0  | 59.0  | 59.6  | 60.3  | 61.2  | 61.9  | 62.2  | 61.5  | 61.5  |
| 22.5°  | 63.5  | 63.2  | 63.8  | 63.8  | 64.8  | 65.8  | 67.4  | 68.0  | 69.0  | 68.7  | 68.7  |
| 25°    | 69.0  | 68.7  | 69.0  | 69.3  | 70.6  | 72.2  | 74.2  | 75.8  | 76.8  | 76.8  | 77.1  |
| 27.5°  | 75.2  | 75.2  | 75.5  | 75.8  | 77.1  | 79.7  | 82.6  | 85.5  | 87.8  | 87.5  | 87.8  |
| 30°    | 83.6  | 83.6  | 84.2  | 84.5  | 86.2  | 89.1  | 93.0  | 96.9  | 100.1 | 100.1 | 100.7 |
| 32.5°  | 93.0  | 92.6  | 93.6  | 93.9  | 95.6  | 99.4  | 105.0 | 111.1 | 115.3 | 115.3 | 116.0 |
| 35°    | 104.3 | 104.0 | 105.0 | 105.0 | 106.9 | 112.4 | 119.5 | 128.0 | 135.1 | 135.4 | 136.4 |
| 37.5°  | 118.6 | 117.9 | 117.9 | 118.9 | 121.2 | 128.3 | 138.0 | 149.7 | 157.1 | 157.8 | 159.4 |
| 40°    | 135.4 | 135.1 | 135.7 | 135.4 | 138.3 | 147.1 | 159.4 | 173.0 | 181.7 | 183.3 | 185.3 |
| 42.5°  | 156.1 | 156.8 | 155.8 | 155.8 | 159.4 | 169.4 | 184.0 | 199.9 | 215.7 | 217.7 | 218.7 |
| 45°    | 181.4 | 182.7 | 181.4 | 181.1 | 184.3 | 196.0 | 216.1 | 243.9 | 262.4 | 268.9 | 270.8 |
| 47.5°  | 211.9 | 212.5 | 210.9 | 210.2 | 213.8 | 228.7 | 254.6 | 285.7 | 307.4 | 312.3 | 317.5 |
| 50°    | 245.9 | 244.9 | 243.6 | 242.6 | 249.4 | 267.9 | 298.0 | 330.1 | 367.3 | 368.0 | 369.9 |
| 52.5°  | 280.9 | 277.9 | 278.3 | 277.9 | 287.3 | 307.4 | 347.6 | 402.0 | 458.7 | 470.4 | 471.7 |
| 55°    | 315.8 | 312.3 | 312.0 | 315.2 | 328.5 | 357.3 | 407.8 | 478.5 | 524.5 | 531.6 | 530.6 |
| 57.5°  | 350.8 | 349.2 | 348.6 | 351.5 | 370.9 | 405.2 | 462.3 | 521.9 | 561.1 | 560.4 | 553.6 |
| 60°    | 387.1 | 388.4 | 386.1 | 391.6 | 411.7 | 446.1 | 487.5 | 545.5 | 581.8 | 578.9 | 572.1 |
| 62.5°  | 424.4 | 427.6 | 425.3 | 426.0 | 438.9 | 464.2 | 505.0 | 572.4 | 622.6 | 626.8 | 619.0 |
| 65°    | 461.3 | 463.6 | 460.0 | 449.9 | 457.1 | 480.7 | 539.0 | 603.8 | 642.0 | 645.9 | 640.1 |
| 67.5°  | 492.4 | 494.7 | 482.3 | 466.5 | 467.4 | 484.6 | 535.8 | 597.7 | 631.7 | 629.1 | 619.7 |
| 70°    | 518.9 | 514.7 | 494.7 | 467.4 | 456.1 | 464.2 | 512.5 | 567.2 | 601.9 | 600.6 | 589.6 |
| 72.5°  | 527.7 | 522.2 | 488.2 | 446.1 | 423.7 | 426.6 | 473.6 | 522.5 | 550.7 | 553.0 | 539.7 |
| 75°    | 513.8 | 504.4 | 457.7 | 404.9 | 376.1 | 378.0 | 418.2 | 463.2 | 485.9 | 483.3 | 472.9 |
| 77.5°  | 463.6 | 454.2 | 403.6 | 347.3 | 319.1 | 322.0 | 353.7 | 389.0 | 407.8 | 406.9 | 399.7 |
| 80°    | 384.8 | 376.4 | 332.0 | 279.6 | 254.0 | 255.6 | 279.9 | 307.7 | 322.3 | 325.6 | 321.7 |
| 82.5°  | 284.4 | 278.6 | 247.2 | 204.7 | 184.0 | 183.7 | 202.1 | 223.5 | 237.8 | 244.6 | 242.0 |
| 85°    | 175.9 | 173.0 | 155.5 | 128.0 | 113.4 | 113.1 | 124.1 | 139.9 | 152.9 | 162.0 | 156.1 |
| 87.5°  | 70.0  | 69.0  | 63.8  | 51.5  | 45.0  | 42.8  | 40.2  | 50.2  | 51.2  | 60.6  | 60.3  |
| 90°    | 17.2  | 16.8  | 16.5  | 15.5  | 13.9  | 12.0  | 9.7   | 7.1   | 4.5   | 3.6   | 1.9   |
| 92.5°  | 15.2  | 15.2  | 14.9  | 13.9  | 12.6  | 10.7  | 8.7   | 6.5   | 4.2   | 3.2   | 1.6   |
| 95°    | 12.3  | 12.3  | 12.0  | 11.3  | 10.0  | 8.7   | 6.8   | 5.2   | 3.2   | 2.6   | 1.3   |
| 97.5°  | 9.4   | 9.1   | 9.1   | 8.4   | 7.8   | 6.5   | 5.2   | 3.9   | 2.6   | 1.9   | 1.0   |
| 100°   | 6.8   | 6.8   | 6.5   | 6.2   | 5.5   | 4.9   | 3.9   | 2.9   | 1.6   | 1.3   | 0.6   |
| 102.5° | 4.9   | 4.5   | 4.5   | 4.5   | 3.9   | 3.2   | 2.6   | 1.9   | 1.3   | 1.0   | 0.3   |
| 105°   | 3.2   | 2.9   | 2.9   | 2.9   | 2.6   | 2.3   | 1.6   | 1.3   | 0.6   | 0.6   | 0.3   |
| 107.5° | 1.9   | 1.9   | 1.9   | 1.9   | 1.6   | 1.3   | 1.0   | 0.6   | 0.3   | 0.3   | 0.3   |
| 110°   | 1.0   | 1.0   | 1.0   | 1.3   | 1.0   | 1.0   | 0.6   | 0.3   | 0.3   | 0.3   | 0.3   |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°  | 5°  | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 79° | 85° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 112.5° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 115°   | 0.3 | 0.3 | 0.3 | 0.6 | 0.6 | 0.3 | 0.3 | 0.0 | 0.0 | 0.3 | 0.3 |
| 117.5° | 0.0 | 0.0 | 0.3 | 0.3 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 |
| 120°   | 0.0 | 0.0 | 0.3 | 0.3 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 |
| 122.5° | 0.0 | 0.0 | 0.3 | 0.3 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 |
| 125°   | 0.0 | 0.0 | 0.0 | 0.3 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.3 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 |
| 130°   | 0.0 | 0.0 | 0.0 | 0.3 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.3 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 |
| 135°   | 0.0 | 0.0 | 0.0 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145°   | 0.0 | 0.0 | 0.0 | 0.3 | 0.3 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 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 | 0.3 | 0.0 | 0.3 | 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°     | 35.3  | 35.3  | 35.3  | 35.3  | 35.3  | 35.3  | 35.3  | 35.3  | 35.3  | 35.3  | 35.3  |
| 2.5°   | 35.6  | 35.6  | 35.6  | 35.3  | 35.3  | 35.3  | 35.0  | 35.0  | 34.7  | 34.7  | 34.7  |
| 5°     | 36.9  | 36.9  | 36.6  | 36.6  | 36.3  | 36.0  | 36.0  | 35.6  | 35.6  | 35.3  | 35.3  |
| 7.5°   | 39.2  | 39.2  | 38.9  | 38.5  | 37.9  | 37.6  | 37.3  | 36.9  | 36.9  | 36.6  | 36.6  |
| 10°    | 42.1  | 42.1  | 41.5  | 40.8  | 40.2  | 39.5  | 39.2  | 38.5  | 38.2  | 38.2  | 38.2  |
| 12.5°  | 45.7  | 45.4  | 44.7  | 43.7  | 43.1  | 42.1  | 41.5  | 40.8  | 40.2  | 40.2  | 40.2  |
| 15°    | 49.9  | 49.9  | 48.6  | 47.6  | 46.3  | 45.0  | 44.1  | 43.1  | 42.4  | 42.1  | 42.1  |
| 17.5°  | 55.1  | 55.1  | 53.4  | 51.8  | 50.2  | 48.6  | 47.3  | 46.0  | 45.4  | 45.0  | 45.0  |
| 20°    | 60.9  | 60.9  | 59.3  | 57.3  | 55.1  | 52.8  | 50.9  | 49.2  | 48.3  | 47.9  | 47.9  |
| 22.5°  | 68.0  | 68.0  | 65.8  | 63.2  | 60.3  | 57.0  | 54.4  | 52.5  | 51.5  | 50.9  | 50.9  |
| 25°    | 76.1  | 75.5  | 73.2  | 70.0  | 65.8  | 61.9  | 58.3  | 56.4  | 55.1  | 54.1  | 54.4  |
| 27.5°  | 87.1  | 86.2  | 83.3  | 77.7  | 72.6  | 67.4  | 63.2  | 60.6  | 59.0  | 58.3  | 58.6  |
| 30°    | 99.8  | 98.8  | 94.6  | 88.4  | 80.7  | 73.9  | 68.7  | 65.8  | 64.1  | 63.2  | 63.5  |
| 32.5°  | 115.0 | 113.7 | 108.5 | 100.1 | 91.0  | 81.3  | 74.8  | 71.3  | 69.6  | 68.7  | 68.4  |
| 35°    | 135.1 | 133.5 | 127.0 | 115.3 | 102.7 | 91.0  | 82.0  | 77.4  | 75.8  | 74.8  | 75.2  |
| 37.5°  | 157.8 | 155.5 | 146.7 | 132.5 | 116.6 | 101.7 | 91.3  | 85.5  | 83.6  | 82.0  | 82.0  |
| 40°    | 183.7 | 181.1 | 169.7 | 151.0 | 131.8 | 113.4 | 100.1 | 93.6  | 91.3  | 91.3  | 91.3  |
| 42.5°  | 216.1 | 213.5 | 200.5 | 173.0 | 147.7 | 126.0 | 110.1 | 102.7 | 100.4 | 101.1 | 101.1 |
| 45°    | 266.3 | 262.7 | 242.0 | 205.7 | 168.4 | 139.0 | 120.5 | 112.1 | 110.5 | 112.1 | 112.1 |
| 47.5°  | 312.3 | 307.7 | 277.3 | 236.1 | 188.9 | 151.9 | 130.9 | 121.2 | 120.5 | 124.1 | 124.1 |
| 50°    | 363.8 | 357.9 | 325.9 | 260.8 | 205.4 | 166.2 | 140.3 | 128.6 | 128.9 | 134.1 | 135.7 |
| 52.5°  | 463.6 | 457.4 | 402.0 | 305.5 | 223.2 | 171.4 | 144.2 | 130.2 | 130.2 | 136.1 | 138.3 |
| 55°    | 522.8 | 510.2 | 438.0 | 334.6 | 230.6 | 177.5 | 142.5 | 123.7 | 123.1 | 129.6 | 131.5 |
| 57.5°  | 542.3 | 529.3 | 445.4 | 326.2 | 225.8 | 169.7 | 133.1 | 106.3 | 105.0 | 113.4 | 112.7 |
| 60°    | 558.1 | 541.0 | 433.4 | 298.0 | 198.2 | 153.2 | 115.0 | 79.0  | 73.5  | 81.0  | 80.7  |
| 62.5°  | 602.8 | 584.4 | 434.1 | 265.0 | 165.9 | 128.0 | 86.5  | 44.4  | 33.0  | 38.9  | 36.3  |
| 65°    | 625.2 | 607.1 | 440.9 | 249.4 | 149.3 | 105.9 | 61.9  | 18.1  | 1.3   | 1.3   | 0.6   |
| 67.5°  | 606.1 | 589.9 | 432.1 | 245.5 | 147.1 | 105.3 | 62.8  | 17.8  | 0.0   | 0.0   | 0.0   |
| 70°    | 578.2 | 562.7 | 412.0 | 231.9 | 139.6 | 101.4 | 61.5  | 17.8  | 0.0   | 0.0   | 0.0   |
| 72.5°  | 529.3 | 513.4 | 377.4 | 212.5 | 128.3 | 93.0  | 57.0  | 16.8  | 0.0   | 0.0   | 0.0   |
| 75°    | 464.8 | 452.9 | 333.3 | 187.2 | 113.1 | 82.0  | 50.5  | 14.9  | 0.0   | 0.0   | 0.0   |
| 77.5°  | 393.6 | 379.3 | 279.6 | 155.8 | 94.6  | 68.0  | 42.8  | 12.3  | 0.0   | 0.0   | 0.0   |
| 80°    | 315.8 | 305.5 | 220.3 | 122.1 | 73.2  | 53.1  | 33.4  | 9.4   | 0.0   | 0.0   | 0.0   |
| 82.5°  | 234.9 | 226.1 | 162.9 | 87.5  | 52.2  | 36.9  | 23.0  | 6.2   | 0.0   | 0.0   | 0.0   |
| 85°    | 154.2 | 151.9 | 104.6 | 53.1  | 31.1  | 20.4  | 12.3  | 2.9   | 0.0   | 0.0   | 0.0   |
| 87.5°  | 55.7  | 57.7  | 38.2  | 15.2  | 8.4   | 3.6   | 1.6   | 0.3   | 0.0   | 0.0   | 0.0   |
| 90°    | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 92.5°  | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 95°    | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 97.5°  | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 100°   | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 102.5° | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 105°   | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 107.5° | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 110°   | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

REPORT NUMBER: P1245516

CATALOG NUMBER: TT-D7-AMB-U-RW-HSS

**CANDELA DISTRIBUTION (continued):**

|        | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-----|-----|------|------|------|------|------|------|------|------|------|
| 112.5° | 0.3 | 0.3 | 0.3  | 0.3  | 0.3  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 115°   | 0.3 | 0.3 | 0.3  | 0.3  | 0.3  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 117.5° | 0.3 | 0.3 | 0.3  | 0.3  | 0.3  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 120°   | 0.3 | 0.3 | 0.3  | 0.3  | 0.3  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 122.5° | 0.3 | 0.3 | 0.3  | 0.3  | 0.3  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 125°   | 0.3 | 0.3 | 0.3  | 0.3  | 0.3  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 127.5° | 0.3 | 0.3 | 0.3  | 0.3  | 0.3  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 130°   | 0.3 | 0.3 | 0.3  | 0.3  | 0.3  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 132.5° | 0.3 | 0.3 | 0.3  | 0.3  | 0.3  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 135°   | 0.3 | 0.3 | 0.3  | 0.3  | 0.3  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 137.5° | 0.0 | 0.3 | 0.3  | 0.3  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 140°   | 0.0 | 0.3 | 0.3  | 0.3  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 142.5° | 0.0 | 0.0 | 0.3  | 0.3  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 145°   | 0.3 | 0.3 | 0.3  | 0.3  | 0.3  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 147.5° | 0.0 | 0.3 | 0.3  | 0.3  | 0.3  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 150°   | 0.0 | 0.3 | 0.3  | 0.3  | 0.3  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 152.5° | 0.0 | 0.0 | 0.3  | 0.3  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 155°   | 0.0 | 0.0 | 0.3  | 0.3  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 157.5° | 0.0 | 0.0 | 0.3  | 0.3  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 160°   | 0.0 | 0.0 | 0.3  | 0.3  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 162.5° | 0.0 | 0.0 | 0.3  | 0.3  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 165°   | 0.0 | 0.0 | 0.3  | 0.3  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 167.5° | 0.0 | 0.0 | 0.3  | 0.3  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 170°   | 0.0 | 0.0 | 0.3  | 0.3  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 172.5° | 0.0 | 0.0 | 0.3  | 0.3  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 175°   | 0.0 | 0.0 | 0.3  | 0.3  | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 177.5° | 0.0 | 0.0 | 0.3  | 0.3  | 0.3  | 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)