

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: P821576

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

Issue Date: 12/2/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P821576  
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-D2-750-12VDC-DL-HSS  
Description: TOPTIER LED PARKING GARAGE LUMINAIRE  
5000K, 70 CRI LEDS AND DRIVE LANE DISTRIBUTION WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

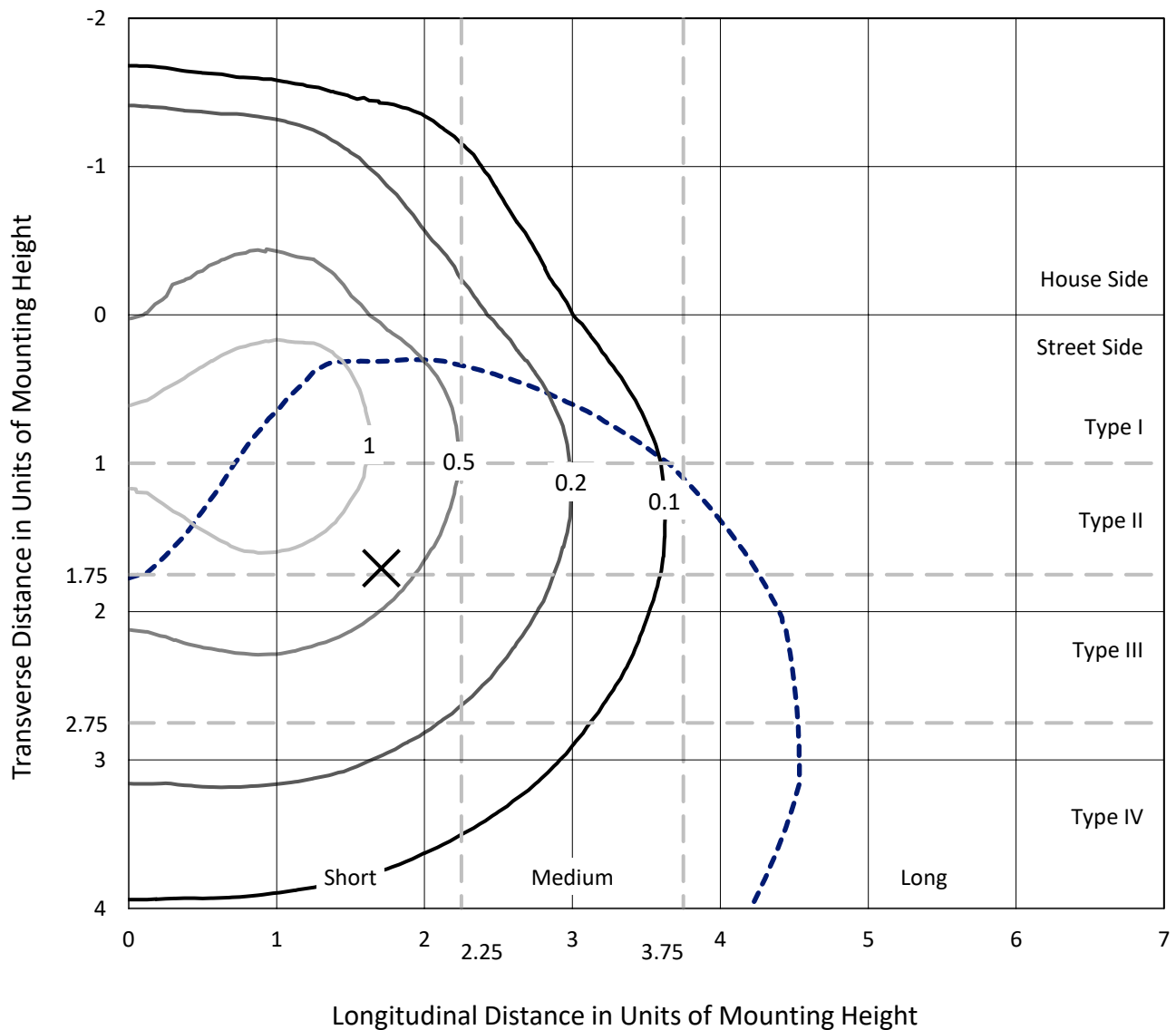
Lumens per Lamp: N/A  
Luminaire Lumens: 3944.9 lumens  
Efficiency: N/A  
Efficacy: 103.8 lumens/watt  
Luminous Opening: Circular (Dia: 1.12' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U1 - G3

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

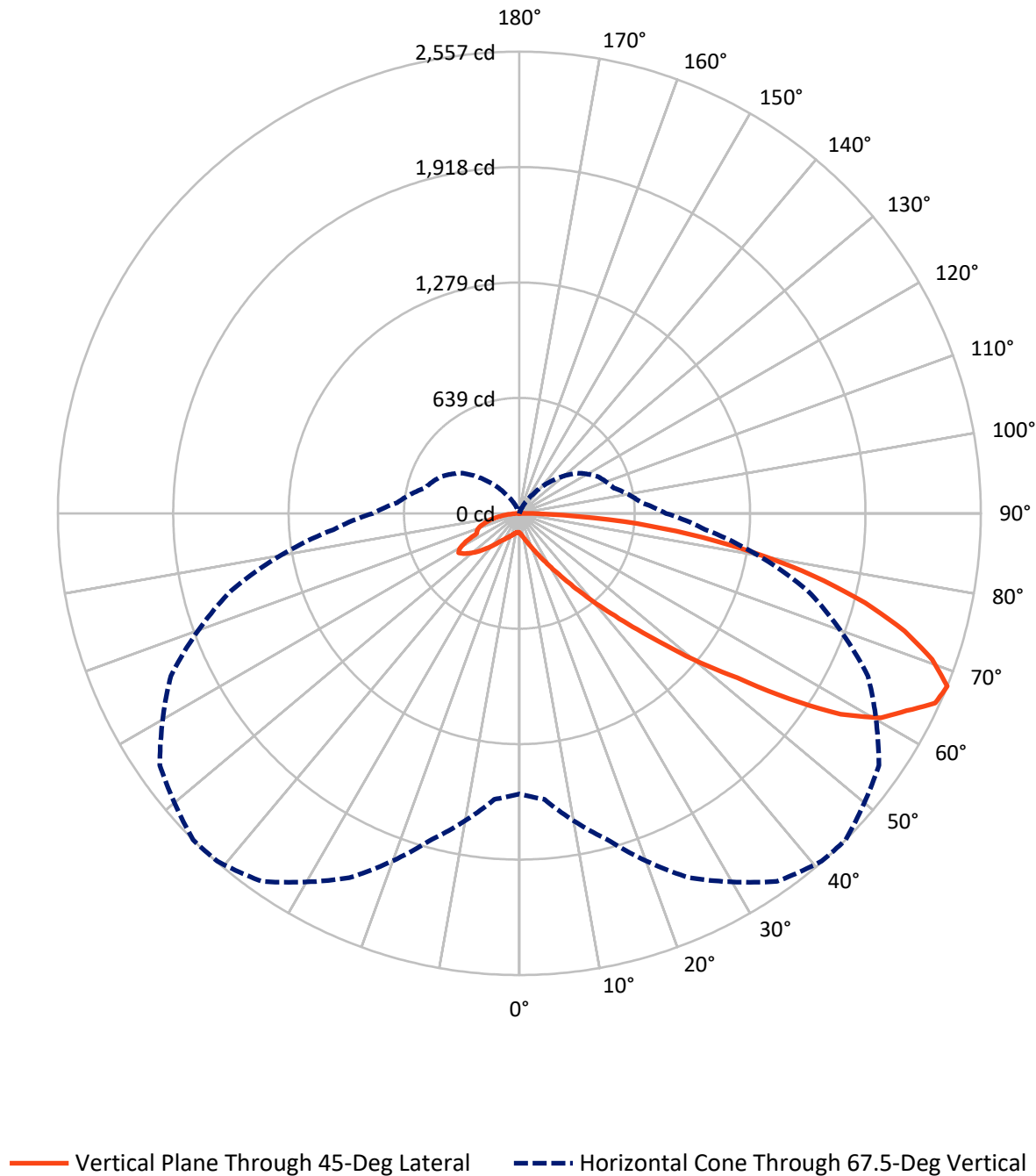
✕ Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.5 fc  
 Type IV - Short - N/A

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## Luminous Intensity Polar Plot



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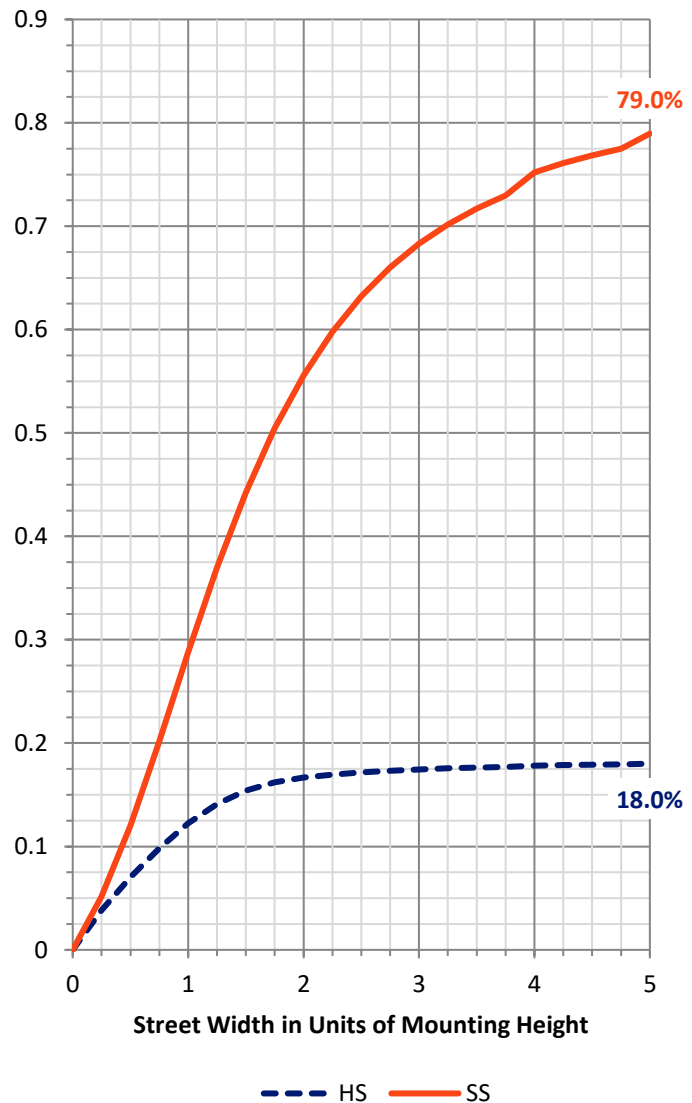
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 716.7    | 0.8    | 717.5  |
|                    | % Fixture | 18.2     | 0.0    | 18.2   |
| <b>Street Side</b> | Lumens    | 3218.6   | 8.7    | 3227.4 |
|                    | % Fixture | 81.6     | 0.2    | 81.8   |
| <b>Total</b>       | Lumens    | 3935.4   | 9.5    | 3944.9 |
|                    | % Fixture | 99.8     | 0.2    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 11.2   | 0.3       |
| 10°-20°   | 41.5   | 1.1       |
| 20°-30°   | 95.7   | 2.4       |
| 30°-40°   | 204.1  | 5.2       |
| 40°-50°   | 427.2  | 10.8      |
| 50°-60°   | 810.4  | 20.5      |
| 60°-70°   | 1103.0 | 28.0      |
| 70°-80°   | 948.3  | 24.0      |
| 80°-90°   | 294.0  | 7.5       |
| 90°-100°  | 6.2    | 0.2       |
| 100°-110° | 1.8    | 0.0       |
| 110°-120° | 0.5    | 0.0       |
| 120°-130° | 0.3    | 0.0       |
| 130°-140° | 0.2    | 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°    | 3935.4 | 99.8      |
| 0°-180°   | 3944.9 | 100.0     |

**Coefficient of Utilization**



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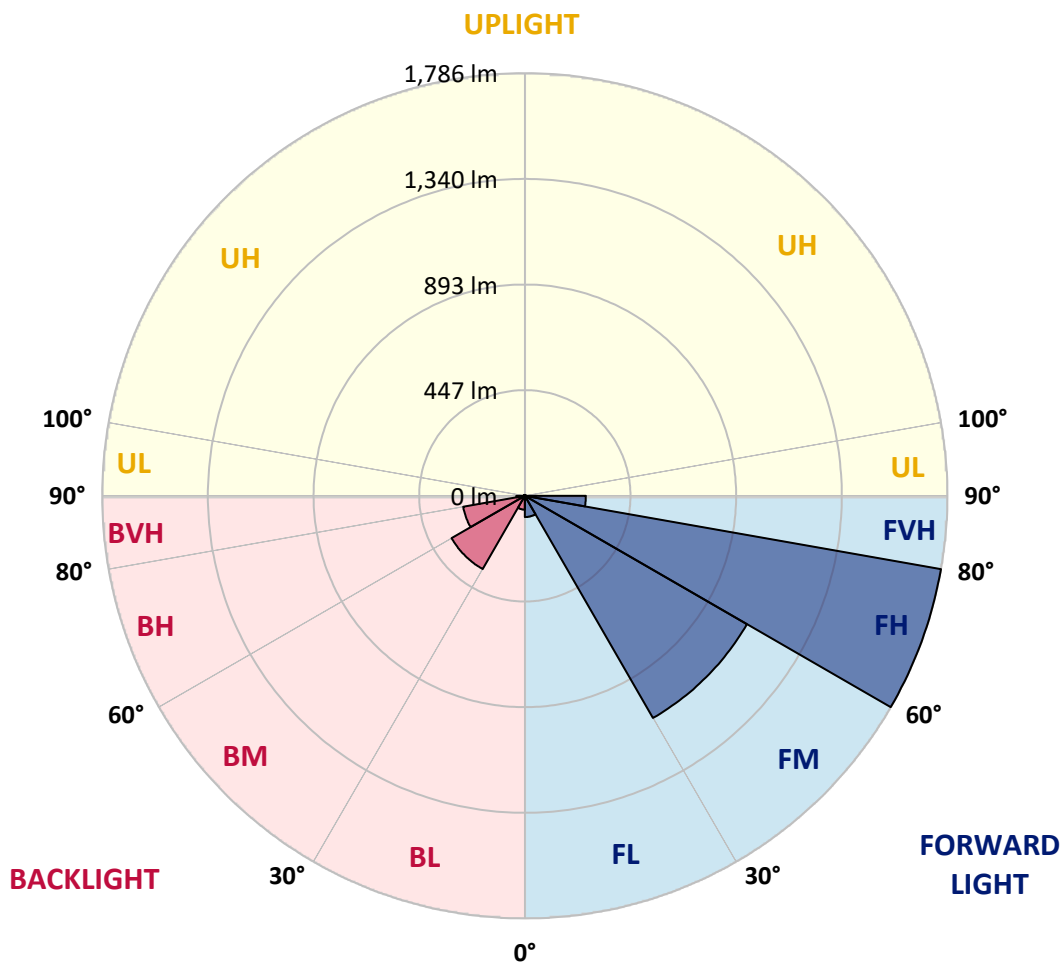
CATALOG NUMBER: TT-D2-750-12VDC-DL-HSS

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |       |         |
|------|-------------|--------|-----------|-------------------------|-------|---------|
|      |             |        |           | B                       | U     | G       |
| FL   | (0°-30°)    | 89.9   | 2.3       |                         |       |         |
| FM   | (30°-60°)   | 1084.2 | 27.5      |                         |       |         |
| FH   | (60°-80°)   | 1786.5 | 45.3      |                         |       | G1/1800 |
| FVH  | (80°-90°)   | 258.0  | 6.5       |                         |       | G3/500  |
| BL   | (0°-30°)    | 58.4   | 1.5       | B0/110                  |       |         |
| BM   | (30°-60°)   | 357.5  | 9.1       | B1/1000                 |       |         |
| BH   | (60°-80°)   | 264.7  | 6.7       | B1/500                  |       | G1/500  |
| BVH  | (80°-90°)   | 36.0   | 0.9       |                         |       | G1/100  |
| UL   | (90°-100°)  | 6.2    | 0.2       |                         | U1/10 |         |
| UH   | (100°-180°) | 3.3    | 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°     | 107.9  | 107.9  | 107.9  | 107.9  | 107.9  | 107.9  | 107.9  | 107.9  | 107.9  | 107.9  | 107.9  |
| 2.5°   | 117.1  | 116.3  | 116.3  | 115.5  | 115.5  | 113.8  | 113.8  | 113.0  | 112.1  | 111.3  | 109.6  |
| 5°     | 125.5  | 124.7  | 124.7  | 123.8  | 123.0  | 121.3  | 120.5  | 118.8  | 117.1  | 115.5  | 113.8  |
| 7.5°   | 135.6  | 134.7  | 134.7  | 133.9  | 132.2  | 129.7  | 128.9  | 126.4  | 123.8  | 121.3  | 118.8  |
| 10°    | 148.1  | 147.3  | 147.3  | 145.6  | 143.9  | 141.4  | 139.7  | 136.4  | 133.9  | 129.7  | 125.5  |
| 12.5°  | 161.5  | 160.7  | 160.7  | 159.0  | 155.6  | 154.0  | 152.3  | 148.1  | 143.9  | 138.9  | 133.9  |
| 15°    | 176.6  | 176.6  | 176.6  | 175.7  | 172.4  | 169.0  | 167.4  | 162.3  | 157.3  | 149.8  | 143.1  |
| 17.5°  | 195.8  | 195.0  | 195.0  | 193.3  | 189.1  | 187.4  | 184.9  | 179.1  | 171.5  | 163.2  | 154.8  |
| 20°    | 219.2  | 218.4  | 216.7  | 215.9  | 211.7  | 210.0  | 206.7  | 200.0  | 189.9  | 179.1  | 167.4  |
| 22.5°  | 242.7  | 242.7  | 241.8  | 242.7  | 239.3  | 237.6  | 233.5  | 224.3  | 212.5  | 196.6  | 182.4  |
| 25°    | 269.4  | 270.3  | 272.0  | 274.5  | 270.3  | 268.6  | 265.3  | 253.5  | 239.3  | 219.2  | 199.2  |
| 27.5°  | 302.9  | 302.9  | 307.1  | 311.3  | 307.9  | 307.1  | 302.1  | 289.5  | 269.4  | 245.2  | 221.7  |
| 30°    | 338.9  | 339.7  | 346.4  | 354.0  | 352.3  | 352.3  | 348.1  | 333.9  | 309.6  | 281.2  | 248.5  |
| 32.5°  | 380.7  | 384.1  | 390.8  | 399.1  | 405.0  | 405.0  | 403.3  | 388.3  | 359.8  | 321.3  | 281.2  |
| 35°    | 436.0  | 430.1  | 442.7  | 455.2  | 467.8  | 470.3  | 471.1  | 456.9  | 424.2  | 375.7  | 321.3  |
| 37.5°  | 483.7  | 482.8  | 502.1  | 523.8  | 544.7  | 553.1  | 555.6  | 542.2  | 500.4  | 436.8  | 364.8  |
| 40°    | 538.9  | 543.9  | 569.8  | 602.5  | 637.6  | 651.8  | 658.5  | 643.5  | 591.6  | 509.6  | 415.0  |
| 42.5°  | 596.6  | 611.7  | 644.3  | 693.7  | 747.2  | 768.2  | 775.7  | 761.5  | 700.4  | 600.8  | 478.6  |
| 45°    | 664.4  | 685.3  | 728.8  | 799.1  | 869.4  | 900.4  | 917.1  | 912.1  | 849.3  | 725.5  | 560.6  |
| 47.5°  | 748.1  | 763.1  | 822.5  | 917.1  | 1016.7 | 1067.7 | 1091.2 | 1105.4 | 1015.8 | 854.3  | 632.6  |
| 50°    | 842.6  | 845.1  | 927.1  | 1046.8 | 1192.4 | 1260.2 | 1301.2 | 1294.5 | 1188.2 | 1002.5 | 723.8  |
| 52.5°  | 938.0  | 935.5  | 1042.6 | 1205.0 | 1395.7 | 1484.4 | 1512.1 | 1539.7 | 1435.1 | 1228.4 | 870.2  |
| 55°    | 1046.8 | 1041.8 | 1176.5 | 1382.4 | 1619.2 | 1736.3 | 1814.1 | 1852.6 | 1687.8 | 1377.3 | 933.8  |
| 57.5°  | 1137.2 | 1153.1 | 1322.1 | 1569.8 | 1900.3 | 2047.6 | 2098.6 | 2077.7 | 1826.7 | 1452.6 | 964.8  |
| 60°    | 1251.8 | 1275.2 | 1467.7 | 1815.0 | 2143.8 | 2253.4 | 2300.3 | 2204.9 | 1915.4 | 1509.5 | 986.6  |
| 62.5°  | 1359.8 | 1389.9 | 1627.5 | 2014.1 | 2296.1 | 2396.5 | 2408.2 | 2304.5 | 2040.1 | 1621.7 | 1050.2 |
| 65°    | 1461.0 | 1495.3 | 1786.5 | 2132.1 | 2429.2 | 2512.8 | 2532.9 | 2450.9 | 2172.3 | 1687.8 | 1075.3 |
| 67.5°  | 1553.9 | 1589.9 | 1868.5 | 2226.7 | 2488.6 | 2553.0 | 2557.2 | 2432.5 | 2131.3 | 1653.5 | 1035.1 |
| 70°    | 1625.0 | 1640.9 | 1907.8 | 2224.1 | 2418.3 | 2443.4 | 2426.6 | 2301.1 | 2035.0 | 1583.2 | 977.4  |
| 72.5°  | 1639.2 | 1651.0 | 1853.5 | 2100.3 | 2223.3 | 2246.7 | 2233.3 | 2122.9 | 1883.6 | 1457.7 | 883.6  |
| 75°    | 1567.3 | 1569.8 | 1707.0 | 1877.7 | 1967.3 | 1995.7 | 1978.1 | 1876.0 | 1656.0 | 1280.3 | 760.6  |
| 77.5°  | 1379.0 | 1384.0 | 1466.9 | 1581.5 | 1656.8 | 1681.1 | 1667.7 | 1574.0 | 1387.4 | 1075.3 | 629.3  |
| 80°    | 1092.8 | 1102.9 | 1162.3 | 1241.8 | 1310.4 | 1335.5 | 1319.6 | 1244.3 | 1092.0 | 845.1  | 491.2  |
| 82.5°  | 744.7  | 757.3  | 811.7  | 877.8  | 938.0  | 962.3  | 948.9  | 901.2  | 787.4  | 609.2  | 350.6  |
| 85°    | 376.5  | 389.9  | 446.0  | 507.9  | 560.6  | 586.6  | 582.4  | 562.3  | 484.5  | 375.7  | 211.7  |
| 87.5°  | 59.4   | 65.3   | 88.7   | 118.0  | 150.6  | 174.9  | 159.8  | 158.2  | 125.5  | 100.4  | 51.0   |
| 90°    | 24.3   | 24.3   | 23.4   | 22.6   | 20.1   | 18.4   | 17.6   | 14.2   | 10.9   | 6.7    | 2.5    |
| 92.5°  | 21.8   | 21.8   | 20.9   | 19.2   | 17.6   | 16.7   | 15.1   | 12.6   | 9.2    | 5.9    | 2.5    |
| 95°    | 17.6   | 17.6   | 16.7   | 15.9   | 14.2   | 13.4   | 11.7   | 10.0   | 7.5    | 5.0    | 2.5    |
| 97.5°  | 13.4   | 13.4   | 12.6   | 11.7   | 10.9   | 9.2    | 9.2    | 7.5    | 5.0    | 3.3    | 1.7    |
| 100°   | 10.0   | 10.0   | 9.2    | 8.4    | 7.5    | 6.7    | 6.7    | 5.0    | 3.3    | 2.5    | 1.7    |
| 102.5° | 6.7    | 6.7    | 6.7    | 5.9    | 5.0    | 5.0    | 4.2    | 3.3    | 2.5    | 1.7    | 1.7    |
| 105°   | 4.2    | 4.2    | 4.2    | 4.2    | 3.3    | 2.5    | 2.5    | 1.7    | 1.7    | 1.7    | 1.7    |
| 107.5° | 2.5    | 2.5    | 2.5    | 2.5    | 1.7    | 1.7    | 1.7    | 1.7    | 1.7    | 1.7    | 1.7    |
| 110°   | 1.7    | 1.7    | 1.7    | 0.8    | 0.8    | 0.8    | 0.8    | 0.8    | 0.8    | 1.7    | 0.8    |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°  | 5°  | 15° | 25° | 35° | 41° | 45° | 55° | 65° | 75° | 85° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 112.5° | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 115°   | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 120°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 125°   | 0.0 | 0.0 | 0.0 | 0.8 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.8 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 130°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 135°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 |
| 142.5° | 0.8 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 145°   | 0.8 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 147.5° | 0.8 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 150°   | 0.0 | 0.0 | 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 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 160°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 165°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 170°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 175°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 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°     | 107.9 | 107.9 | 107.9 | 107.9 | 107.9 | 107.9 | 107.9 | 107.9 | 107.9 | 107.9 | 107.9 |
| 2.5°   | 109.6 | 108.8 | 107.1 | 106.3 | 104.6 | 104.6 | 103.8 | 102.9 | 102.9 | 102.9 | 102.9 |
| 5°     | 112.1 | 111.3 | 109.6 | 107.9 | 106.3 | 104.6 | 103.8 | 102.9 | 102.9 | 102.9 | 102.1 |
| 7.5°   | 117.1 | 115.5 | 113.0 | 110.5 | 107.9 | 106.3 | 105.4 | 104.6 | 103.8 | 103.8 | 103.8 |
| 10°    | 123.0 | 121.3 | 117.1 | 114.6 | 111.3 | 108.8 | 107.9 | 107.1 | 106.3 | 106.3 | 106.3 |
| 12.5°  | 130.5 | 128.0 | 123.0 | 118.8 | 115.5 | 113.0 | 111.3 | 110.5 | 110.5 | 109.6 | 110.5 |
| 15°    | 139.7 | 136.4 | 129.7 | 124.7 | 120.5 | 118.0 | 116.3 | 115.5 | 115.5 | 115.5 | 114.6 |
| 17.5°  | 149.8 | 145.6 | 137.2 | 131.4 | 126.4 | 123.8 | 122.2 | 121.3 | 121.3 | 121.3 | 121.3 |
| 20°    | 161.5 | 155.6 | 146.4 | 138.9 | 133.9 | 130.5 | 128.9 | 128.9 | 128.0 | 128.9 | 128.9 |
| 22.5°  | 174.0 | 167.4 | 155.6 | 147.3 | 140.6 | 137.2 | 135.6 | 135.6 | 135.6 | 136.4 | 137.2 |
| 25°    | 189.1 | 180.7 | 166.5 | 155.6 | 148.1 | 144.8 | 143.1 | 143.9 | 143.9 | 144.8 | 144.8 |
| 27.5°  | 209.2 | 196.6 | 179.1 | 165.7 | 157.3 | 153.1 | 151.5 | 152.3 | 153.1 | 153.1 | 153.1 |
| 30°    | 231.8 | 216.7 | 192.5 | 178.2 | 168.2 | 163.2 | 161.5 | 162.3 | 163.2 | 164.8 | 164.0 |
| 32.5°  | 259.4 | 241.0 | 212.5 | 192.5 | 181.6 | 175.7 | 174.0 | 173.2 | 174.9 | 176.6 | 176.6 |
| 35°    | 292.9 | 269.4 | 236.0 | 212.5 | 196.6 | 189.1 | 187.4 | 186.6 | 187.4 | 189.1 | 190.8 |
| 37.5°  | 328.9 | 300.4 | 259.4 | 235.1 | 217.6 | 209.2 | 205.0 | 201.7 | 202.5 | 203.3 | 205.8 |
| 40°    | 369.9 | 334.7 | 286.2 | 256.9 | 241.0 | 230.9 | 225.1 | 220.1 | 221.7 | 221.7 | 222.6 |
| 42.5°  | 421.7 | 377.4 | 319.6 | 282.8 | 266.1 | 255.2 | 246.0 | 240.2 | 236.8 | 237.6 | 234.3 |
| 45°    | 489.5 | 434.3 | 361.5 | 319.6 | 296.2 | 279.5 | 268.6 | 256.9 | 248.5 | 250.2 | 245.2 |
| 47.5°  | 545.6 | 479.5 | 400.8 | 354.8 | 329.7 | 308.8 | 286.2 | 269.4 | 257.7 | 256.1 | 252.7 |
| 50°    | 614.2 | 534.7 | 446.0 | 393.3 | 366.5 | 334.7 | 307.9 | 279.5 | 260.2 | 255.2 | 256.1 |
| 52.5°  | 729.7 | 631.8 | 510.4 | 445.2 | 398.3 | 360.6 | 319.6 | 280.3 | 254.4 | 246.8 | 249.4 |
| 55°    | 771.5 | 664.4 | 543.9 | 487.8 | 441.8 | 383.2 | 324.7 | 271.1 | 237.6 | 230.9 | 231.8 |
| 57.5°  | 780.7 | 664.4 | 546.4 | 501.2 | 462.7 | 401.7 | 322.2 | 250.2 | 205.8 | 200.0 | 199.2 |
| 60°    | 785.7 | 660.2 | 537.2 | 491.2 | 449.3 | 384.1 | 289.5 | 201.7 | 158.2 | 154.0 | 151.5 |
| 62.5°  | 832.6 | 695.4 | 546.4 | 483.7 | 424.2 | 337.2 | 220.1 | 128.9 | 87.9  | 87.0  | 85.4  |
| 65°    | 846.8 | 707.9 | 558.1 | 488.7 | 396.6 | 261.9 | 130.5 | 43.5  | 9.2   | 10.0  | 8.4   |
| 67.5°  | 811.7 | 679.5 | 541.4 | 481.1 | 388.3 | 255.2 | 125.5 | 36.8  | 0.0   | 0.0   | 0.0   |
| 70°    | 763.1 | 638.5 | 512.1 | 455.2 | 370.7 | 245.2 | 123.0 | 36.8  | 0.0   | 0.0   | 0.0   |
| 72.5°  | 686.2 | 579.9 | 465.2 | 420.1 | 340.6 | 225.1 | 114.6 | 35.1  | 0.0   | 0.0   | 0.0   |
| 75°    | 595.8 | 504.6 | 407.5 | 372.4 | 302.1 | 197.5 | 102.9 | 31.8  | 0.0   | 0.0   | 0.0   |
| 77.5°  | 498.7 | 420.9 | 340.6 | 313.8 | 255.2 | 168.2 | 87.0  | 26.8  | 0.0   | 0.0   | 0.0   |
| 80°    | 391.6 | 333.0 | 268.6 | 250.2 | 201.7 | 133.9 | 69.5  | 20.9  | 0.0   | 0.0   | 0.0   |
| 82.5°  | 282.0 | 241.8 | 198.3 | 183.3 | 148.1 | 97.1  | 50.2  | 14.2  | 0.0   | 0.0   | 0.0   |
| 85°    | 174.0 | 151.5 | 128.0 | 118.8 | 93.7  | 60.2  | 30.1  | 7.5   | 0.0   | 0.0   | 0.0   |
| 87.5°  | 51.9  | 50.2  | 45.2  | 44.3  | 31.8  | 18.4  | 6.7   | 0.8   | 0.0   | 0.0   | 0.0   |
| 90°    | 0.8   | 0.8   | 0.8   | 0.8   | 0.8   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 92.5°  | 0.8   | 0.8   | 0.8   | 0.8   | 0.8   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 95°    | 0.8   | 0.8   | 0.8   | 0.8   | 0.8   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 97.5°  | 0.8   | 0.8   | 0.8   | 0.8   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 100°   | 0.8   | 0.8   | 0.8   | 0.8   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 102.5° | 0.8   | 0.8   | 0.8   | 0.8   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 105°   | 0.8   | 0.8   | 0.8   | 0.8   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 107.5° | 0.8   | 0.8   | 0.8   | 0.8   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 110°   | 0.8   | 0.8   | 0.8   | 0.8   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |



REPORT NUMBER: P821576  
 CATALOG NUMBER: TT-D2-750-12VDC-DL-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  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 115°   | 0.8 | 0.8 | 0.8  | 0.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 117.5° | 0.8 | 0.8 | 0.8  | 0.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 120°   | 0.8 | 0.8 | 0.8  | 0.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 122.5° | 0.8 | 0.8 | 0.8  | 0.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 125°   | 0.8 | 0.8 | 0.8  | 0.8  | 0.0  | 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  | 0.0  | 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  | 0.0  | 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  | 0.0  | 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)