

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: P165134

Luminaire Tested: **VTS-F02-LED-E1-SL3-HSS-7060**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P165134
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33727)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: VTS-F02-LED-E1-SL3-HSS-7060
Description: VENTUS LED SITE LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD
Light Source: (14) 5700K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2902.3 lumens
Efficiency: N/A
Efficacy: 52.8 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 1' x H: 0.1')
IES Classification: Type III - Short - Non-Cutoff
BUG Rating: B0 - U0 - G1

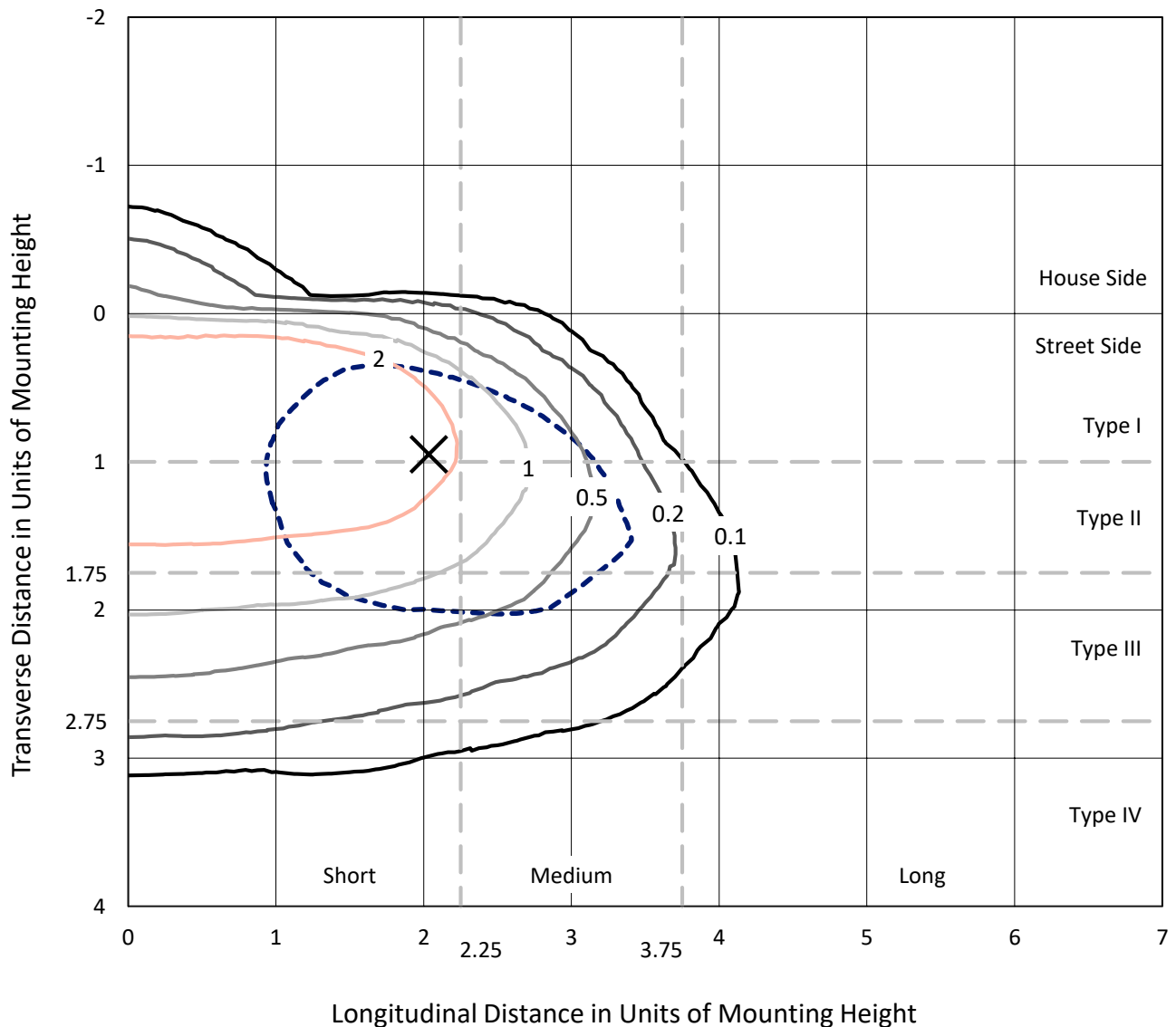
Input Watts (W): 55
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

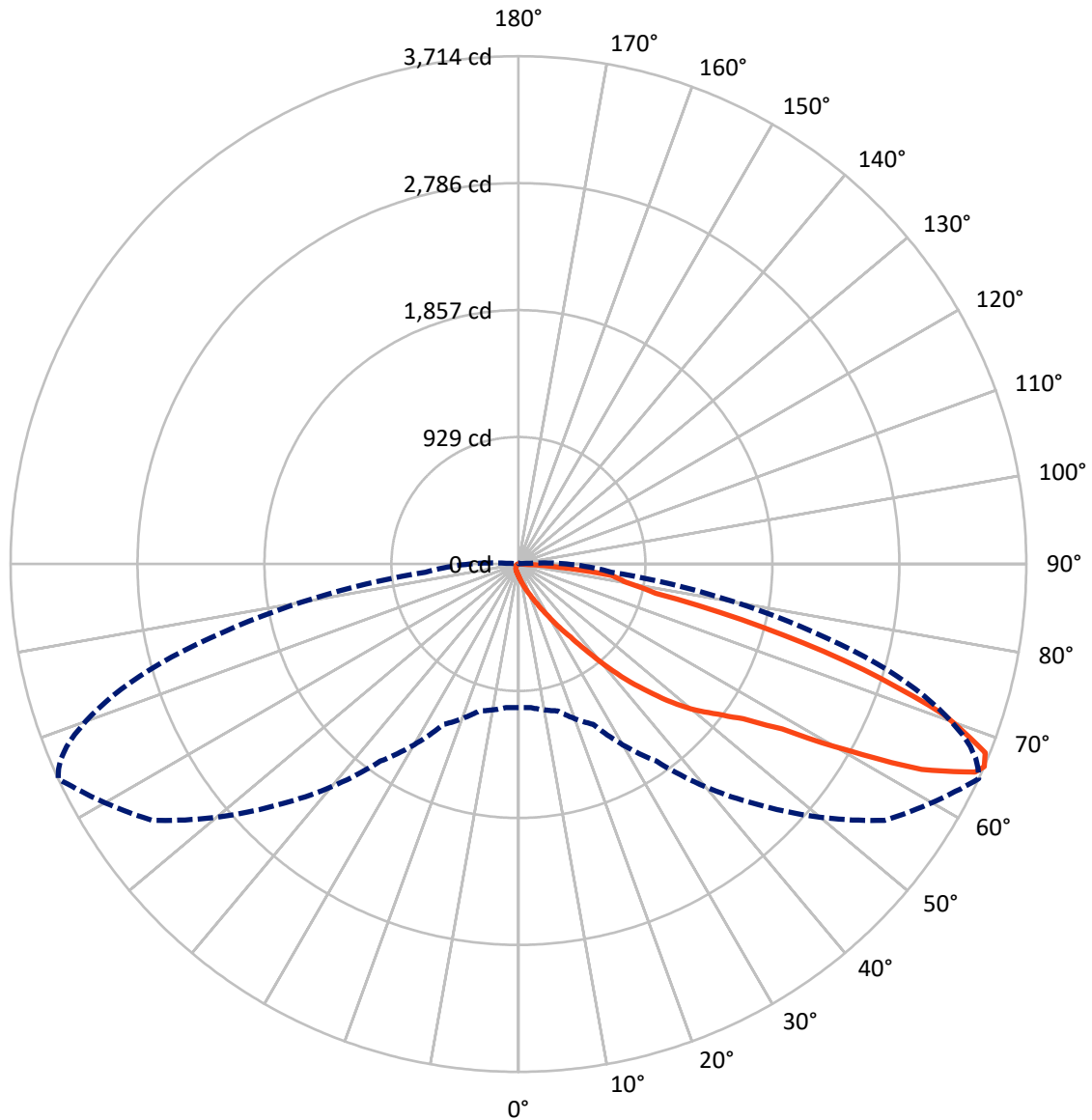


Based on 10 foot mounting height. Maximum calculated value = 4.8 fc
 Type III - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 65-Deg Lateral - - - Horizontal Cone Through 66-Deg Vertical

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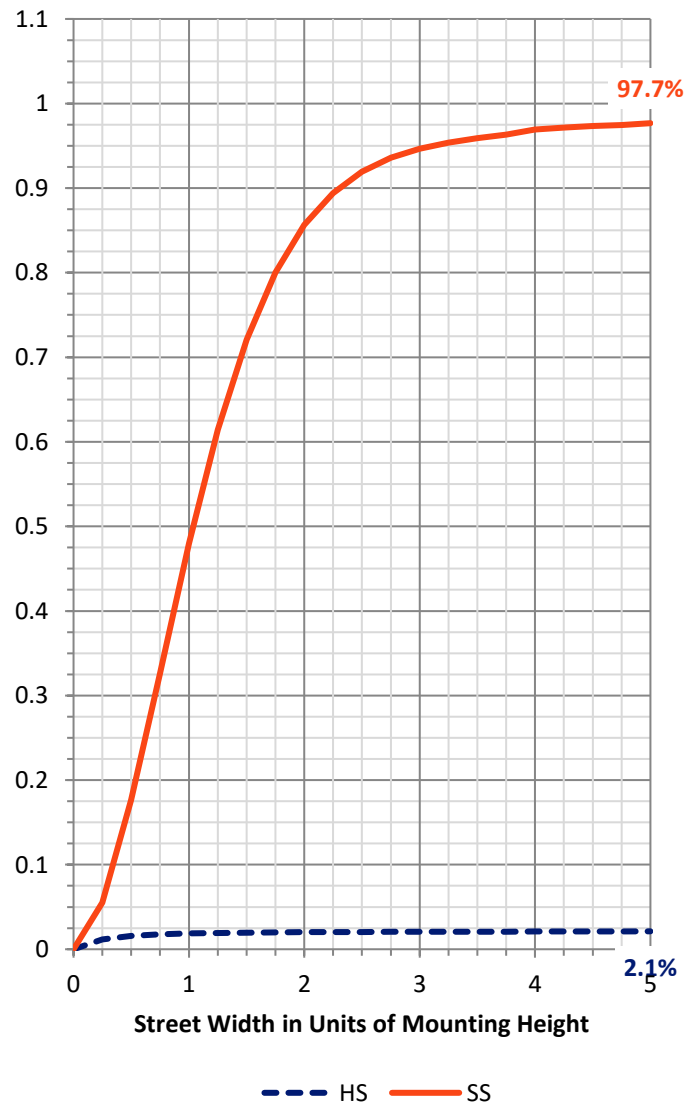
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 62.9 | 0.0 | 62.9 |
| | % Fixture | 2.2 | 0.0 | 2.2 |
| Street Side | Lumens | 2839.4 | 0.0 | 2839.4 |
| | % Fixture | 97.8 | 0.0 | 97.8 |
| Total | Lumens | 2902.3 | 0.0 | 2902.3 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 9.8 | 0.3 |
| 10°-20° | 41.6 | 1.4 |
| 20°-30° | 89.7 | 3.1 |
| 30°-40° | 191.5 | 6.6 |
| 40°-50° | 423.5 | 14.6 |
| 50°-60° | 717.8 | 24.7 |
| 60°-70° | 957.8 | 33.0 |
| 70°-80° | 421.9 | 14.5 |
| 80°-90° | 48.6 | 1.7 |
| 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° | 2902.3 | 100.0 |
| 0°-180° | 2902.3 | 100.0 |



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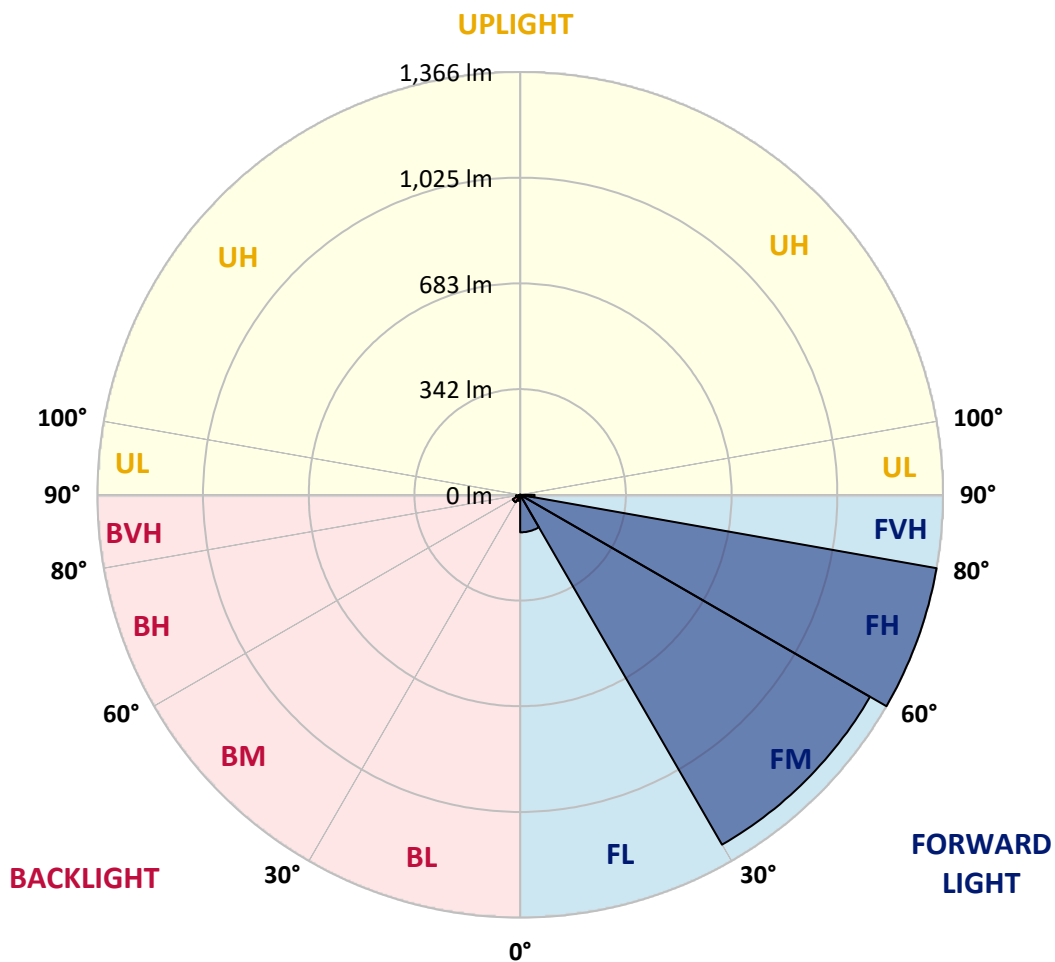
CATALOG NUMBER: VTS-F02-LED-E1-SL3-HSS-7060

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 121.2 | 4.2 | | | |
| FM | (30°-60°) | 1305.2 | 45.0 | | | |
| FH | (60°-80°) | 1366.2 | 47.1 | | | G1/1800 |
| FVH | (80°-90°) | 46.7 | 1.6 | | | G1/100 |
| BL | (0°-30°) | 19.8 | 0.7 | B0/110 | | |
| BM | (30°-60°) | 27.6 | 1.0 | B0/220 | | |
| BH | (60°-80°) | 13.5 | 0.5 | B0/110 | | G0/110 |
| BVH | (80°-90°) | 1.9 | 0.1 | | | G0/10 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B0-U0-G1

Type III Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 66° | 67° | 68° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| 2.5° | 110.5 | 109.9 | 107.7 | 107.7 | 104.3 | 102.1 | 99.3 | 96.5 | 96.5 | 96.0 | 95.4 |
| 5° | 146.2 | 142.9 | 142.3 | 136.1 | 131.1 | 123.9 | 117.2 | 108.3 | 107.1 | 106.0 | 105.4 |
| 7.5° | 185.8 | 185.2 | 180.2 | 173.0 | 162.9 | 149.5 | 136.1 | 121.6 | 119.4 | 118.3 | 116.0 |
| 10° | 237.1 | 234.3 | 227.7 | 215.4 | 200.3 | 182.5 | 160.7 | 137.8 | 135.0 | 132.8 | 131.7 |
| 12.5° | 286.2 | 281.2 | 277.3 | 261.7 | 242.7 | 216.5 | 190.3 | 157.4 | 155.1 | 152.3 | 147.9 |
| 15° | 332.0 | 327.5 | 320.8 | 307.5 | 286.2 | 253.3 | 222.6 | 182.5 | 176.9 | 173.0 | 169.6 |
| 17.5° | 367.7 | 364.9 | 357.1 | 342.0 | 319.1 | 290.1 | 253.3 | 208.1 | 203.7 | 198.6 | 192.5 |
| 20° | 401.8 | 397.8 | 385.6 | 364.9 | 340.4 | 318.0 | 289.6 | 241.6 | 235.5 | 229.3 | 222.6 |
| 22.5° | 434.1 | 430.2 | 410.1 | 376.1 | 349.8 | 340.4 | 330.3 | 279.5 | 270.0 | 265.0 | 258.3 |
| 25° | 479.3 | 470.9 | 439.7 | 385.6 | 350.4 | 357.7 | 374.9 | 328.6 | 319.7 | 312.5 | 301.9 |
| 27.5° | 540.1 | 528.9 | 479.9 | 399.5 | 352.6 | 376.6 | 426.3 | 388.3 | 378.8 | 370.5 | 358.8 |
| 30° | 608.7 | 601.5 | 542.9 | 433.0 | 368.8 | 404.5 | 483.7 | 464.2 | 453.1 | 443.0 | 429.1 |
| 32.5° | 677.9 | 667.9 | 609.9 | 496.6 | 412.3 | 458.6 | 555.7 | 552.4 | 537.9 | 528.4 | 513.3 |
| 35° | 738.8 | 733.7 | 690.8 | 600.9 | 511.7 | 553.5 | 651.7 | 655.6 | 642.8 | 632.7 | 616.0 |
| 37.5° | 780.1 | 780.1 | 771.7 | 713.1 | 669.6 | 700.8 | 792.9 | 793.4 | 780.6 | 757.7 | 749.4 |
| 40° | 801.2 | 807.4 | 837.5 | 848.7 | 846.4 | 886.6 | 978.1 | 968.1 | 957.5 | 945.7 | 917.9 |
| 42.5° | 844.8 | 850.3 | 914.5 | 991.5 | 1041.7 | 1094.7 | 1157.8 | 1154.4 | 1141.6 | 1120.4 | 1094.7 |
| 45° | 918.4 | 925.7 | 1002.1 | 1124.3 | 1227.5 | 1302.9 | 1343.0 | 1327.4 | 1314.6 | 1294.5 | 1281.1 |
| 47.5° | 1012.2 | 1026.1 | 1112.6 | 1263.8 | 1388.2 | 1512.6 | 1554.5 | 1513.2 | 1502.1 | 1486.4 | 1464.7 |
| 50° | 1112.0 | 1125.4 | 1217.5 | 1390.5 | 1531.1 | 1679.5 | 1749.2 | 1679.5 | 1663.3 | 1658.3 | 1633.7 |
| 52.5° | 1198.5 | 1209.7 | 1298.4 | 1488.1 | 1640.4 | 1814.5 | 1916.1 | 1824.0 | 1812.3 | 1795.5 | 1777.7 |
| 55° | 1249.8 | 1258.8 | 1341.9 | 1535.0 | 1714.7 | 1936.1 | 2077.3 | 1996.4 | 1979.1 | 1972.4 | 1946.7 |
| 57.5° | 1267.2 | 1276.1 | 1350.8 | 1541.1 | 1754.8 | 2047.2 | 2273.2 | 2276.0 | 2255.3 | 2231.3 | 2223.5 |
| 60° | 1267.2 | 1277.2 | 1340.2 | 1526.1 | 1793.9 | 2165.5 | 2534.3 | 2767.0 | 2722.3 | 2717.9 | 2689.4 |
| 62.5° | 1214.7 | 1224.2 | 1287.8 | 1479.7 | 1846.3 | 2325.1 | 2898.1 | 3308.7 | 3295.9 | 3266.9 | 3220.0 |
| 65° | 1100.9 | 1106.5 | 1168.9 | 1361.5 | 1826.2 | 2471.8 | 3213.3 | 3669.2 | 3648.6 | 3591.6 | 3531.4 |
| 66° | 1049.5 | 1054.0 | 1112.6 | 1293.9 | 1760.4 | 2491.9 | 3269.1 | 3714.4 | 3680.4 | 3632.4 | 3564.3 |
| 67.5° | 975.3 | 983.1 | 1024.4 | 1168.4 | 1602.5 | 2422.1 | 3234.0 | 3682.6 | 3653.0 | 3595.0 | 3526.9 |
| 70° | 651.2 | 645.6 | 791.2 | 896.6 | 1220.8 | 1973.6 | 2901.4 | 3306.5 | 3307.1 | 3279.7 | 3252.4 |
| 72.5° | 309.1 | 312.5 | 354.9 | 551.8 | 799.0 | 1318.5 | 2309.4 | 2639.2 | 2677.1 | 2628.0 | 2594.0 |
| 75° | 222.1 | 227.1 | 252.8 | 337.6 | 476.5 | 791.2 | 1497.0 | 1845.7 | 1846.9 | 1759.8 | 1682.3 |
| 77.5° | 64.7 | 67.5 | 94.8 | 208.1 | 357.1 | 534.0 | 859.8 | 1026.1 | 1002.1 | 939.6 | 881.0 |
| 80° | 26.8 | 26.8 | 27.9 | 66.4 | 143.4 | 362.7 | 601.5 | 790.1 | 787.3 | 763.3 | 728.7 |
| 82.5° | 10.0 | 10.6 | 13.4 | 27.3 | 34.1 | 89.3 | 401.2 | 685.8 | 684.1 | 650.0 | 625.5 |
| 85° | 1.1 | 1.1 | 3.4 | 11.7 | 12.8 | 16.7 | 80.3 | 302.4 | 300.7 | 302.4 | 265.0 |
| 87.5° | 0.0 | 0.0 | 0.5 | 1.1 | 1.7 | 2.2 | 3.4 | 11.7 | 12.8 | 12.3 | 11.1 |
| 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):

| | 69° | 70° | 71° | 72° | 73° | 74° | 75° | 76° | 77° | 78° | 79° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| 2.5° | 95.4 | 94.3 | 94.3 | 93.8 | 93.8 | 93.8 | 93.2 | 92.6 | 92.6 | 92.1 | 91.5 |
| 5° | 104.3 | 103.2 | 102.7 | 101.5 | 101.0 | 100.4 | 99.3 | 98.8 | 97.7 | 97.1 | 96.5 |
| 7.5° | 114.9 | 112.7 | 112.2 | 110.5 | 108.8 | 107.7 | 106.6 | 104.9 | 103.8 | 101.5 | 101.0 |
| 10° | 128.3 | 125.5 | 123.3 | 121.1 | 119.4 | 116.6 | 114.9 | 112.7 | 110.5 | 108.8 | 107.1 |
| 12.5° | 145.6 | 141.7 | 138.4 | 136.1 | 132.2 | 128.9 | 125.5 | 123.9 | 119.4 | 117.2 | 114.4 |
| 15° | 164.6 | 160.1 | 156.2 | 151.8 | 149.0 | 143.4 | 138.9 | 133.9 | 131.7 | 127.8 | 123.3 |
| 17.5° | 189.1 | 181.9 | 175.8 | 171.3 | 165.7 | 160.1 | 155.1 | 150.1 | 143.4 | 138.9 | 133.4 |
| 20° | 215.4 | 209.2 | 200.9 | 193.1 | 186.4 | 179.7 | 172.4 | 165.7 | 159.6 | 152.3 | 145.6 |
| 22.5° | 248.9 | 239.9 | 229.9 | 222.1 | 213.2 | 205.9 | 195.8 | 186.9 | 176.9 | 167.4 | 159.6 |
| 25° | 291.3 | 279.5 | 270.0 | 258.9 | 248.3 | 237.1 | 224.8 | 213.7 | 200.9 | 191.9 | 178.6 |
| 27.5° | 343.7 | 332.6 | 319.7 | 305.2 | 294.6 | 277.9 | 261.7 | 247.8 | 232.7 | 218.7 | 203.7 |
| 30° | 410.7 | 394.5 | 381.1 | 367.2 | 345.9 | 329.7 | 310.8 | 291.8 | 271.2 | 257.2 | 234.3 |
| 32.5° | 491.0 | 473.7 | 453.6 | 433.5 | 414.0 | 391.1 | 367.7 | 344.3 | 321.4 | 295.7 | 272.3 |
| 35° | 589.2 | 568.6 | 545.7 | 523.9 | 493.8 | 469.2 | 439.7 | 407.3 | 381.7 | 352.1 | 322.5 |
| 37.5° | 719.2 | 685.2 | 665.1 | 642.2 | 601.5 | 568.0 | 535.1 | 502.7 | 457.5 | 426.3 | 384.4 |
| 40° | 882.1 | 862.1 | 829.2 | 792.3 | 755.5 | 711.4 | 666.8 | 623.8 | 571.4 | 527.8 | 479.3 |
| 42.5° | 1073.5 | 1044.0 | 1010.5 | 957.5 | 920.1 | 868.2 | 817.4 | 760.5 | 696.3 | 640.6 | 583.6 |
| 45° | 1253.2 | 1218.1 | 1192.4 | 1139.4 | 1100.3 | 1038.9 | 977.6 | 917.3 | 843.1 | 771.1 | 705.3 |
| 47.5° | 1447.4 | 1418.3 | 1376.0 | 1333.0 | 1293.4 | 1224.2 | 1157.8 | 1084.7 | 1006.6 | 921.2 | 835.8 |
| 50° | 1618.1 | 1595.2 | 1566.2 | 1514.3 | 1470.3 | 1412.2 | 1334.1 | 1254.3 | 1155.5 | 1070.7 | 973.7 |
| 52.5° | 1763.2 | 1745.3 | 1704.6 | 1667.8 | 1628.1 | 1573.5 | 1503.7 | 1427.3 | 1320.7 | 1227.5 | 1117.1 |
| 55° | 1934.5 | 1921.6 | 1885.9 | 1863.1 | 1827.9 | 1775.5 | 1710.2 | 1639.3 | 1526.6 | 1425.1 | 1300.1 |
| 57.5° | 2215.1 | 2205.1 | 2173.8 | 2164.3 | 2129.8 | 2084.0 | 2003.7 | 1927.8 | 1796.1 | 1670.0 | 1527.2 |
| 60° | 2679.9 | 2659.9 | 2614.1 | 2590.7 | 2517.5 | 2456.2 | 2351.9 | 2247.5 | 2088.5 | 1927.8 | 1755.9 |
| 62.5° | 3177.6 | 3121.3 | 3034.2 | 2959.5 | 2855.7 | 2749.1 | 2609.6 | 2450.0 | 2263.7 | 2072.9 | 1875.3 |
| 65° | 3446.0 | 3350.0 | 3240.1 | 3121.3 | 2986.8 | 2830.0 | 2654.3 | 2462.9 | 2262.6 | 2061.1 | 1852.5 |
| 66° | 3476.7 | 3368.4 | 3251.9 | 3119.6 | 2970.1 | 2803.2 | 2624.7 | 2423.8 | 2215.7 | 2019.3 | 1810.6 |
| 67.5° | 3438.2 | 3324.9 | 3201.6 | 3054.9 | 2893.1 | 2720.1 | 2532.6 | 2323.9 | 2123.6 | 1924.4 | 1721.3 |
| 70° | 3168.7 | 3056.0 | 2946.1 | 2791.5 | 2619.1 | 2445.0 | 2267.6 | 2034.4 | 1844.7 | 1661.6 | 1480.9 |
| 72.5° | 2530.4 | 2453.9 | 2345.1 | 2212.9 | 2044.9 | 1840.7 | 1692.9 | 1484.2 | 1319.6 | 1142.2 | 1002.1 |
| 75° | 1581.3 | 1473.6 | 1339.1 | 1170.6 | 1042.3 | 876.6 | 790.1 | 631.6 | 537.9 | 455.9 | 376.6 |
| 77.5° | 808.5 | 727.6 | 633.3 | 538.4 | 447.5 | 357.1 | 276.2 | 195.3 | 131.7 | 91.5 | 68.1 |
| 80° | 667.9 | 596.5 | 518.3 | 431.9 | 351.5 | 272.9 | 196.4 | 133.9 | 85.4 | 55.8 | 43.5 |
| 82.5° | 551.8 | 491.6 | 421.8 | 341.5 | 271.7 | 214.3 | 149.0 | 97.1 | 60.2 | 39.1 | 30.7 |
| 85° | 234.9 | 213.2 | 164.6 | 130.6 | 98.2 | 72.5 | 50.8 | 34.1 | 24.0 | 19.5 | 17.9 |
| 87.5° | 10.0 | 11.1 | 10.6 | 8.4 | 6.1 | 6.1 | 5.6 | 4.5 | 4.5 | 4.5 | 4.5 |
| 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):

| | 80° | 81° | 82° | 83° | 84° | 85° | 95° | 105° | 115° | 125° | 135° |
|-------|--------|--------|--------|--------|-------|-------|------|------|------|------|------|
| 0° | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| 2.5° | 91.5 | 90.9 | 90.4 | 90.4 | 89.8 | 89.3 | 85.9 | 83.1 | 79.8 | 77.6 | 75.3 |
| 5° | 95.4 | 94.8 | 93.8 | 93.2 | 92.1 | 91.5 | 84.3 | 78.1 | 73.1 | 69.2 | 66.4 |
| 7.5° | 99.3 | 98.8 | 97.1 | 95.4 | 94.8 | 93.8 | 82.0 | 74.2 | 67.5 | 63.1 | 60.2 |
| 10° | 104.3 | 102.7 | 101.0 | 98.8 | 97.1 | 95.4 | 79.8 | 69.7 | 62.5 | 58.6 | 55.8 |
| 12.5° | 111.6 | 108.8 | 106.0 | 103.2 | 101.0 | 98.2 | 78.7 | 65.8 | 58.6 | 54.1 | 51.3 |
| 15° | 120.0 | 116.0 | 112.7 | 109.4 | 105.4 | 102.7 | 76.4 | 62.5 | 55.2 | 50.8 | 47.4 |
| 17.5° | 127.8 | 123.3 | 118.3 | 113.3 | 109.4 | 105.4 | 74.2 | 59.2 | 51.9 | 47.4 | 44.1 |
| 20° | 138.9 | 132.2 | 126.1 | 120.0 | 114.4 | 109.4 | 70.8 | 55.8 | 49.1 | 44.1 | 40.7 |
| 22.5° | 151.2 | 143.4 | 135.6 | 127.2 | 120.0 | 113.3 | 68.1 | 53.0 | 46.3 | 41.3 | 37.4 |
| 25° | 166.8 | 157.4 | 146.7 | 136.1 | 127.8 | 118.9 | 65.3 | 50.2 | 43.5 | 38.5 | 34.6 |
| 27.5° | 188.6 | 175.2 | 163.5 | 150.1 | 137.3 | 127.2 | 63.1 | 48.0 | 40.7 | 35.7 | 31.8 |
| 30° | 218.2 | 198.6 | 180.2 | 165.7 | 150.6 | 136.1 | 60.8 | 45.2 | 38.5 | 32.9 | 28.5 |
| 32.5° | 251.1 | 228.2 | 207.0 | 185.2 | 166.3 | 149.5 | 58.6 | 43.0 | 35.7 | 30.1 | 26.2 |
| 35° | 291.8 | 262.8 | 234.3 | 209.2 | 186.4 | 164.0 | 56.3 | 40.7 | 33.5 | 27.3 | 23.4 |
| 37.5° | 350.4 | 314.1 | 276.8 | 244.4 | 214.8 | 185.2 | 54.7 | 38.5 | 30.7 | 24.6 | 20.6 |
| 40° | 430.8 | 383.9 | 338.1 | 294.0 | 255.5 | 218.7 | 52.5 | 36.3 | 28.5 | 22.3 | 18.4 |
| 42.5° | 517.8 | 460.9 | 400.6 | 351.0 | 298.0 | 251.6 | 50.2 | 34.1 | 26.2 | 20.1 | 16.2 |
| 45° | 626.1 | 555.2 | 482.1 | 414.6 | 349.8 | 290.1 | 48.0 | 31.8 | 23.4 | 17.9 | 14.0 |
| 47.5° | 744.3 | 653.9 | 571.4 | 486.6 | 409.5 | 338.1 | 45.2 | 30.1 | 21.2 | 15.6 | 12.3 |
| 50° | 866.0 | 770.6 | 666.2 | 569.7 | 478.2 | 386.1 | 42.4 | 27.3 | 19.0 | 14.0 | 10.0 |
| 52.5° | 997.1 | 884.4 | 777.8 | 657.8 | 551.3 | 449.2 | 39.6 | 25.1 | 17.3 | 12.3 | 8.4 |
| 55° | 1163.9 | 1037.8 | 912.8 | 778.4 | 650.0 | 522.3 | 36.8 | 22.3 | 15.1 | 10.6 | 6.7 |
| 57.5° | 1373.7 | 1224.2 | 1070.7 | 919.0 | 763.3 | 618.2 | 34.6 | 19.5 | 12.8 | 8.9 | 5.6 |
| 60° | 1571.8 | 1397.2 | 1211.4 | 1036.7 | 860.9 | 691.9 | 31.2 | 17.3 | 11.1 | 7.3 | 5.6 |
| 62.5° | 1674.5 | 1475.3 | 1275.0 | 1082.5 | 895.0 | 718.1 | 27.9 | 14.5 | 9.5 | 6.1 | 5.0 |
| 65° | 1649.4 | 1446.3 | 1252.1 | 1057.9 | 874.4 | 701.4 | 24.6 | 12.8 | 8.4 | 5.6 | 5.0 |
| 66° | 1613.1 | 1412.2 | 1216.9 | 1032.2 | 857.0 | 683.5 | 22.9 | 12.3 | 7.8 | 5.6 | 4.5 |
| 67.5° | 1533.9 | 1339.7 | 1153.3 | 981.5 | 809.6 | 649.5 | 20.6 | 11.1 | 7.3 | 5.0 | 4.5 |
| 70° | 1310.1 | 1133.8 | 984.8 | 831.9 | 691.9 | 547.4 | 16.7 | 9.5 | 6.1 | 4.5 | 4.5 |
| 72.5° | 867.1 | 747.1 | 647.8 | 557.4 | 465.9 | 361.6 | 14.0 | 7.8 | 5.0 | 4.5 | 3.9 |
| 75° | 327.0 | 295.7 | 253.9 | 228.2 | 199.2 | 174.6 | 11.1 | 5.0 | 3.9 | 3.9 | 3.9 |
| 77.5° | 58.0 | 53.6 | 47.4 | 43.5 | 40.2 | 36.8 | 8.9 | 3.4 | 3.4 | 3.9 | 3.9 |
| 80° | 39.1 | 36.3 | 32.9 | 30.1 | 27.9 | 25.1 | 6.1 | 2.8 | 3.4 | 3.4 | 3.9 |
| 82.5° | 27.9 | 26.2 | 24.6 | 22.3 | 20.6 | 18.4 | 3.9 | 2.8 | 3.4 | 3.4 | 3.4 |
| 85° | 16.7 | 15.6 | 14.5 | 13.4 | 11.7 | 11.1 | 2.8 | 2.8 | 2.8 | 3.4 | 3.4 |
| 87.5° | 4.5 | 3.9 | 4.5 | 4.5 | 3.4 | 3.9 | 2.2 | 2.2 | 2.2 | 2.8 | 2.8 |
| 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: P165134

CATALOG NUMBER: VTS-F02-LED-E1-SL3-HSS-7060

CANDELA DISTRIBUTION (continued):

| | 145° | 155° | 165° | 175° | 180° |
|-------|------|------|------|------|------|
| 0° | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| 2.5° | 74.2 | 74.2 | 73.1 | 74.8 | 74.8 |
| 5° | 64.2 | 64.2 | 63.6 | 64.2 | 64.2 |
| 7.5° | 58.6 | 58.0 | 58.0 | 58.0 | 58.6 |
| 10° | 53.6 | 53.0 | 53.0 | 53.0 | 53.0 |
| 12.5° | 49.1 | 48.6 | 48.0 | 48.6 | 48.6 |
| 15° | 45.2 | 44.1 | 44.1 | 44.1 | 44.1 |
| 17.5° | 41.8 | 40.7 | 40.2 | 40.2 | 40.2 |
| 20° | 38.5 | 36.8 | 36.8 | 36.8 | 36.8 |
| 22.5° | 35.1 | 33.5 | 33.5 | 33.5 | 33.5 |
| 25° | 31.8 | 30.1 | 30.1 | 30.1 | 30.1 |
| 27.5° | 29.0 | 27.3 | 27.3 | 27.3 | 27.3 |
| 30° | 25.7 | 24.6 | 24.6 | 25.1 | 24.6 |
| 32.5° | 23.4 | 21.8 | 21.8 | 22.3 | 22.3 |
| 35° | 20.6 | 19.5 | 19.5 | 19.5 | 19.5 |
| 37.5° | 17.9 | 16.7 | 16.7 | 16.7 | 16.7 |
| 40° | 15.6 | 14.5 | 14.0 | 14.5 | 14.5 |
| 42.5° | 13.4 | 12.3 | 11.7 | 11.7 | 11.7 |
| 45° | 11.7 | 10.0 | 9.5 | 10.0 | 10.0 |
| 47.5° | 9.5 | 8.4 | 8.4 | 8.9 | 8.9 |
| 50° | 7.3 | 7.3 | 7.8 | 8.9 | 8.9 |
| 52.5° | 6.7 | 6.7 | 7.8 | 8.9 | 8.9 |
| 55° | 6.1 | 6.7 | 7.8 | 8.4 | 8.9 |
| 57.5° | 5.6 | 6.7 | 7.8 | 8.4 | 8.4 |
| 60° | 5.6 | 6.1 | 7.3 | 8.4 | 8.4 |
| 62.5° | 5.0 | 5.6 | 6.7 | 7.8 | 7.8 |
| 65° | 5.0 | 5.6 | 6.7 | 7.8 | 7.8 |
| 66° | 5.0 | 5.6 | 6.7 | 7.8 | 7.8 |
| 67.5° | 5.0 | 5.6 | 6.7 | 7.8 | 7.8 |
| 70° | 5.0 | 5.6 | 6.7 | 7.3 | 7.3 |
| 72.5° | 4.5 | 5.0 | 6.1 | 7.3 | 7.3 |
| 75° | 4.5 | 5.0 | 6.1 | 7.3 | 7.3 |
| 77.5° | 4.5 | 5.0 | 6.1 | 7.3 | 7.3 |
| 80° | 4.5 | 5.0 | 6.1 | 6.7 | 7.3 |
| 82.5° | 3.9 | 5.0 | 5.6 | 6.7 | 6.7 |
| 85° | 3.9 | 4.5 | 5.6 | 6.1 | 6.7 |
| 87.5° | 3.4 | 3.9 | 4.5 | 5.6 | 5.6 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)