

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: STREETWORKS

Report Number: P147027

Luminaire Tested: **OVH-F01-LED-E-U-T4-7060**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P147027  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33696)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: OVH-F01-LED-E-U-T4-7060  
Description: OVH LED ROADWAY SMALL CUTOFF COBRAHEAD LUMINAIRE  
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 4 SHORT  
Light Source: (7) 5700K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2489.2 lumens  
Efficiency: N/A  
Efficacy: 96.1 lumens/watt  
Luminous Opening: Rectangular (W 0.17' x L: 1' x H: 0')  
IES Classification: Type IV - Short - Semi-Cutoff  
BUG Rating: B1 - U0 - G1

Input Watts (W): 25.9  
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

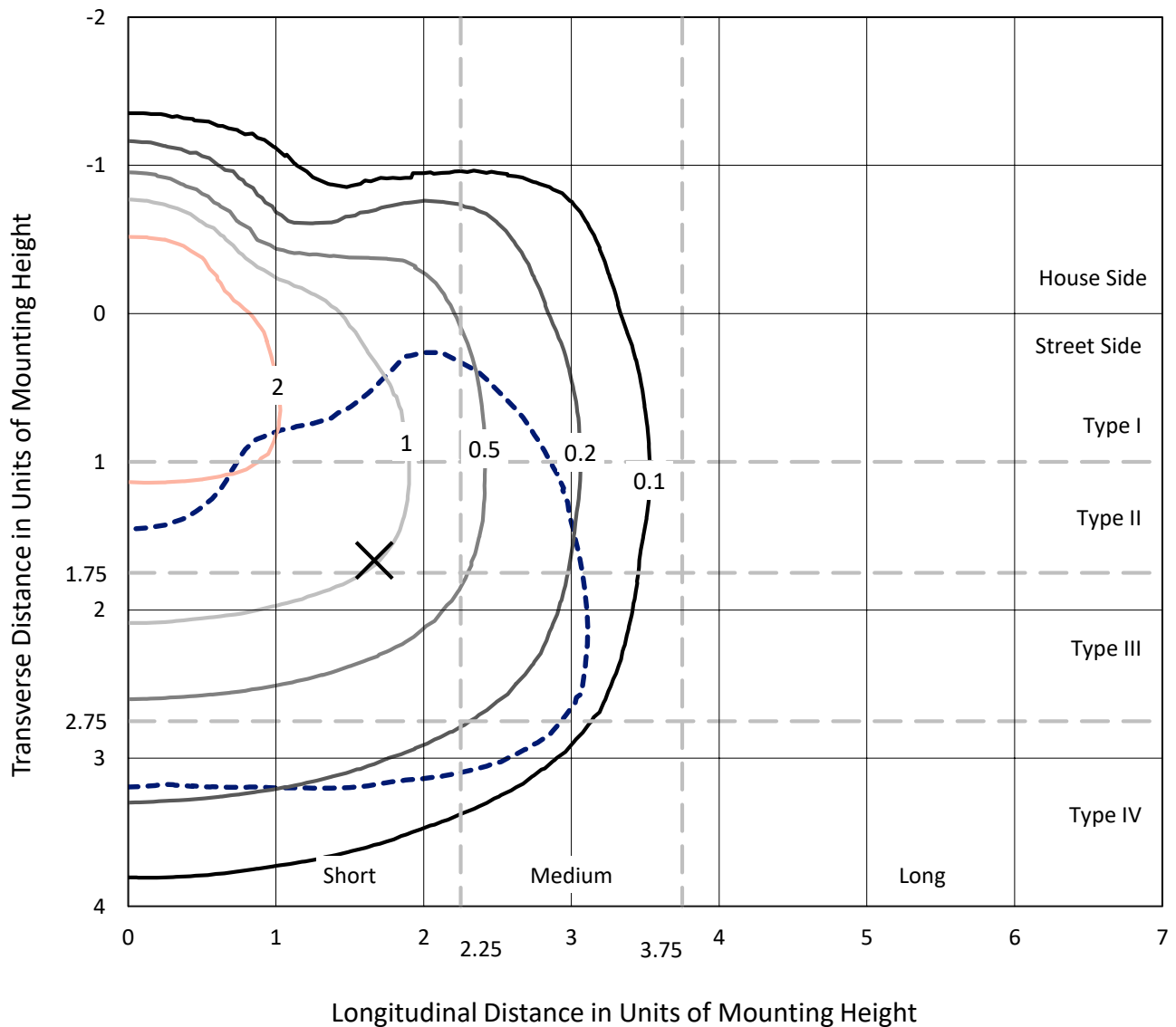


REPORT NUMBER: P147027

CATALOG NUMBER: OVH-F01-LED-E-U-T4-7060

### Iso-Footcandle Lines of Horizontal Illumination

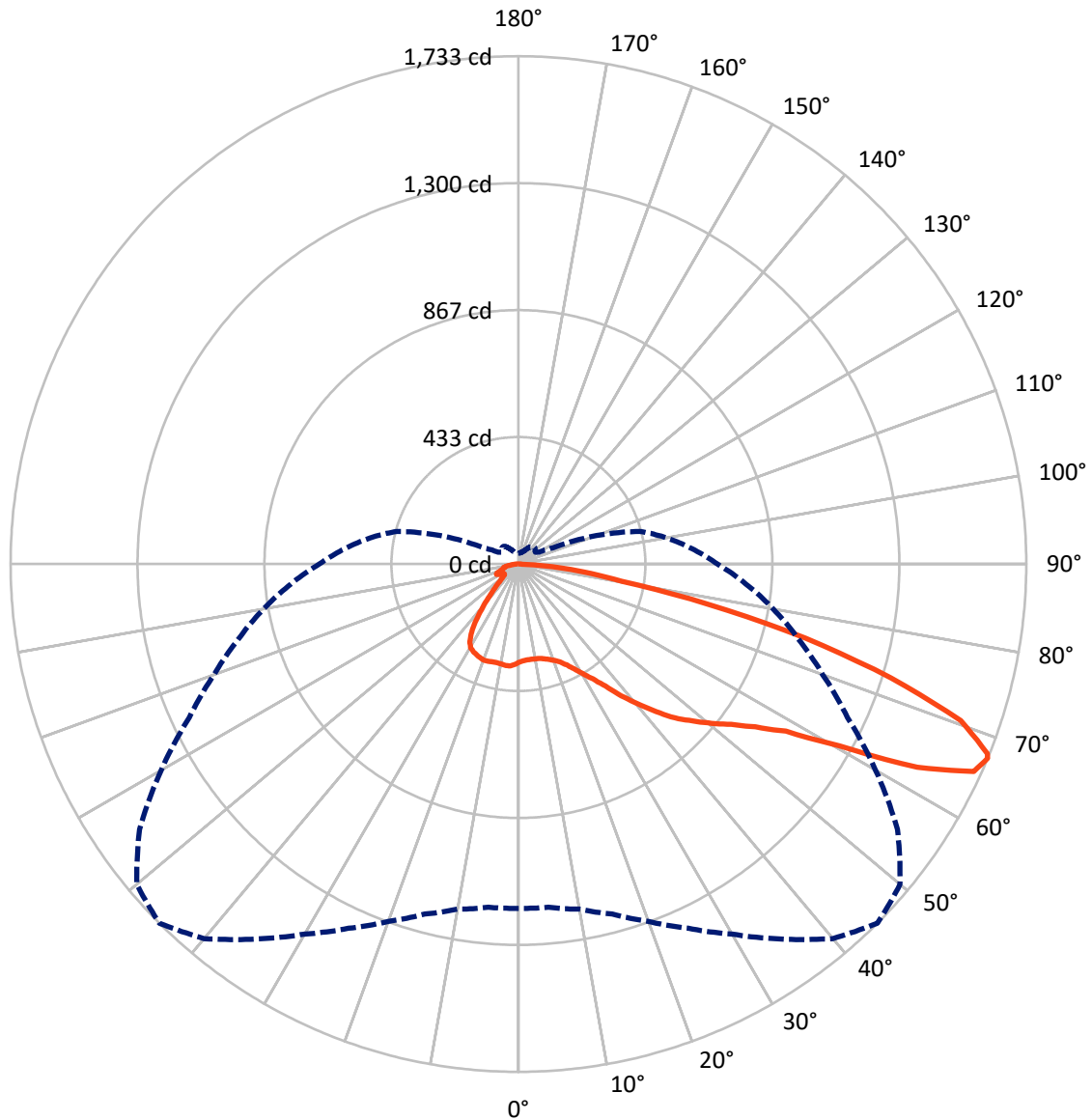
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 3.4 fc  
 Type IV - Short - Semi-Cutoff

REPORT NUMBER: P147027  
CATALOG NUMBER: OVH-F01-LED-E-U-T4-7060

### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral    - - - Horizontal Cone Through 67-Deg Vertical

REPORT NUMBER: P147027

CATALOG NUMBER: OVH-F01-LED-E-U-T4-7060

**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 504.4    | 0.0    | 504.4  |
|                    | % Fixture | 20.3     | 0.0    | 20.3   |
| <b>Street Side</b> | Lumens    | 1984.8   | 0.0    | 1984.8 |
|                    | % Fixture | 79.7     | 0.0    | 79.7   |
| <b>Total</b>       | Lumens    | 2489.2   | 0.0    | 2489.2 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 32.3   | 1.3       |
| 10°-20°   | 97.0   | 3.9       |
| 20°-30°   | 164.8  | 6.6       |
| 30°-40°   | 247.7  | 10.0      |
| 40°-50°   | 322.1  | 12.9      |
| 50°-60°   | 442.2  | 17.8      |
| 60°-70°   | 697.6  | 28.0      |
| 70°-80°   | 421.5  | 16.9      |
| 80°-90°   | 63.9   | 2.6       |
| 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°    | 2489.2 | 100.0     |
| 0°-180°   | 2489.2 | 100.0     |



REPORT NUMBER: P147027

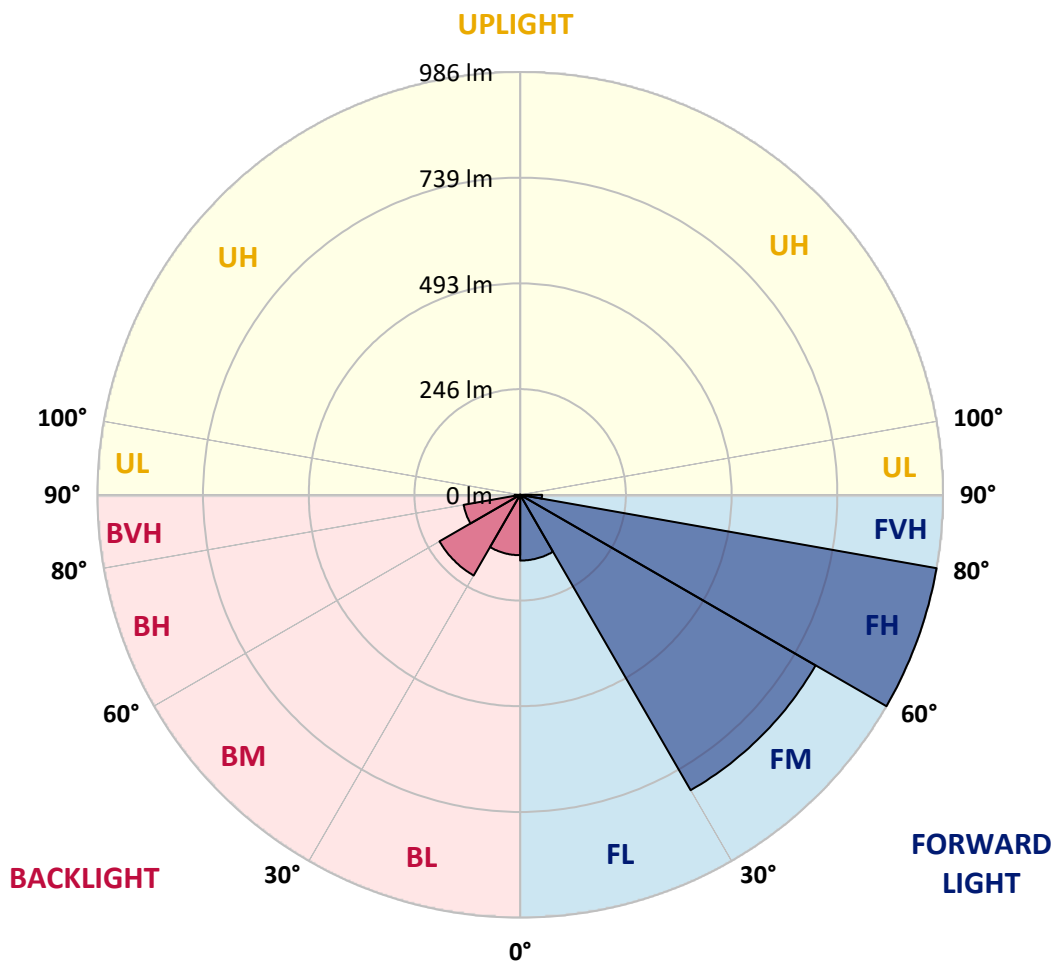
CATALOG NUMBER: OVH-F01-LED-E-U-T4-7060

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 153.3  | 6.2       |                         |      |         |
| FM   | (30°-60°)   | 795.0  | 31.9      |                         |      |         |
| FH   | (60°-80°)   | 985.5  | 39.6      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 51.0   | 2.0       |                         |      | G1/100  |
| BL   | (0°-30°)    | 140.8  | 5.7       | B1/500                  |      |         |
| BM   | (30°-60°)   | 217.0  | 8.7       | B0/220                  |      |         |
| BH   | (60°-80°)   | 133.7  | 5.4       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 12.9   | 0.5       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B1-U0-G1**

Type IV Short





REPORT NUMBER: P147027

CATALOG NUMBER: OVH-F01-LED-E-U-T4-7060

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 335.1  | 335.1  | 335.1  | 335.1  | 335.1  | 335.1  | 335.1  | 335.1  | 335.1  | 335.1  | 335.1  |
| 2.5°  | 327.6  | 328.3  | 327.8  | 327.8  | 328.0  | 328.2  | 328.5  | 329.2  | 329.3  | 330.4  | 330.5  |
| 5°    | 321.0  | 321.2  | 321.2  | 321.4  | 322.4  | 323.2  | 324.1  | 325.3  | 326.3  | 328.2  | 329.3  |
| 7.5°  | 318.7  | 319.3  | 319.2  | 319.5  | 320.5  | 321.4  | 322.4  | 324.1  | 326.6  | 328.2  | 329.9  |
| 10°   | 322.6  | 323.1  | 322.6  | 322.7  | 322.9  | 323.8  | 324.1  | 325.3  | 327.3  | 328.7  | 330.2  |
| 12.5° | 331.5  | 331.5  | 331.0  | 330.7  | 330.2  | 330.4  | 329.7  | 329.5  | 330.5  | 330.7  | 330.9  |
| 15°   | 343.4  | 344.8  | 343.1  | 341.7  | 341.0  | 340.4  | 338.2  | 337.3  | 337.1  | 335.6  | 334.1  |
| 17.5° | 355.4  | 355.8  | 354.8  | 353.2  | 352.2  | 350.7  | 348.8  | 347.1  | 345.1  | 342.7  | 339.7  |
| 20°   | 368.8  | 369.0  | 367.6  | 365.4  | 364.2  | 362.4  | 360.0  | 357.1  | 354.6  | 350.9  | 347.5  |
| 22.5° | 387.5  | 387.3  | 384.6  | 382.7  | 381.0  | 378.8  | 375.4  | 371.5  | 367.5  | 363.1  | 358.3  |
| 25°   | 408.8  | 408.8  | 406.9  | 403.9  | 403.0  | 399.8  | 396.1  | 391.5  | 387.3  | 381.0  | 375.3  |
| 27.5° | 433.2  | 433.4  | 430.0  | 428.3  | 426.4  | 423.0  | 420.5  | 416.9  | 411.2  | 404.9  | 399.0  |
| 30°   | 462.2  | 461.3  | 458.6  | 455.0  | 454.4  | 451.7  | 448.1  | 445.6  | 438.4  | 434.0  | 427.4  |
| 32.5° | 489.6  | 491.0  | 490.3  | 486.2  | 486.9  | 484.2  | 481.1  | 479.3  | 471.8  | 467.6  | 461.5  |
| 35°   | 530.6  | 531.8  | 532.8  | 531.3  | 532.1  | 530.6  | 528.1  | 523.2  | 517.1  | 511.5  | 503.0  |
| 37.5° | 562.5  | 563.6  | 564.3  | 568.0  | 573.5  | 578.7  | 581.1  | 578.6  | 578.9  | 570.4  | 559.1  |
| 40°   | 588.5  | 591.4  | 595.5  | 602.6  | 613.5  | 623.4  | 628.9  | 633.1  | 635.3  | 627.3  | 612.6  |
| 42.5° | 614.6  | 617.7  | 623.3  | 634.6  | 649.5  | 663.9  | 675.3  | 688.3  | 690.7  | 688.7  | 676.1  |
| 45°   | 641.9  | 645.5  | 652.4  | 665.3  | 682.7  | 701.5  | 719.8  | 738.3  | 747.6  | 749.2  | 733.9  |
| 47.5° | 674.8  | 679.9  | 686.3  | 700.9  | 717.8  | 739.0  | 761.9  | 785.6  | 800.1  | 800.1  | 782.5  |
| 50°   | 715.8  | 721.5  | 727.0  | 741.5  | 758.5  | 780.3  | 806.8  | 833.2  | 853.0  | 854.2  | 832.8  |
| 52.5° | 773.2  | 774.1  | 777.3  | 790.7  | 805.4  | 829.8  | 854.9  | 885.5  | 908.4  | 909.4  | 884.9  |
| 55°   | 843.0  | 843.0  | 846.7  | 857.9  | 871.6  | 891.8  | 917.7  | 951.8  | 975.8  | 981.1  | 949.6  |
| 57.5° | 934.8  | 938.2  | 940.1  | 953.1  | 962.4  | 983.8  | 1005.5 | 1042.6 | 1073.2 | 1076.6 | 1044.6 |
| 60°   | 1084.3 | 1077.8 | 1088.2 | 1099.7 | 1121.5 | 1137.1 | 1174.0 | 1211.3 | 1250.5 | 1259.8 | 1225.4 |
| 62.5° | 1231.5 | 1238.4 | 1251.1 | 1272.0 | 1309.4 | 1344.3 | 1397.2 | 1453.8 | 1514.6 | 1527.1 | 1500.8 |
| 65°   | 1240.6 | 1244.9 | 1262.5 | 1298.4 | 1349.6 | 1411.7 | 1484.6 | 1569.8 | 1660.4 | 1707.4 | 1663.3 |
| 67°   | 1174.9 | 1176.1 | 1196.1 | 1236.9 | 1298.2 | 1371.9 | 1458.2 | 1562.2 | 1668.6 | 1733.1 | 1700.3 |
| 67.5° | 1154.1 | 1156.3 | 1175.9 | 1217.6 | 1279.6 | 1355.0 | 1442.9 | 1549.8 | 1658.7 | 1726.2 | 1696.5 |
| 70°   | 1031.7 | 1031.7 | 1052.9 | 1094.9 | 1153.0 | 1226.6 | 1318.6 | 1426.5 | 1544.9 | 1601.7 | 1576.4 |
| 72.5° | 878.2  | 872.7  | 896.5  | 928.4  | 975.8  | 1040.0 | 1114.1 | 1199.3 | 1288.4 | 1329.7 | 1319.7 |
| 75°   | 638.4  | 648.9  | 661.2  | 684.8  | 725.9  | 776.6  | 820.0  | 896.0  | 966.0  | 1011.7 | 999.7  |
| 77.5° | 348.3  | 352.4  | 386.6  | 400.7  | 436.8  | 474.4  | 522.0  | 575.3  | 630.4  | 659.2  | 647.5  |
| 80°   | 207.0  | 215.0  | 235.3  | 252.1  | 271.6  | 300.2  | 334.8  | 346.5  | 357.3  | 356.6  | 335.4  |
| 82.5° | 130.8  | 140.4  | 162.5  | 176.9  | 187.0  | 203.6  | 222.4  | 237.2  | 240.4  | 224.5  | 199.9  |
| 85°   | 21.2   | 35.1   | 91.7   | 107.7  | 114.2  | 123.2  | 137.1  | 143.3  | 133.8  | 116.9  | 121.1  |
| 87.5° | 8.3    | 10.0   | 28.0   | 35.4   | 37.4   | 19.7   | 34.1   | 40.0   | 20.3   | 10.3   | 23.4   |
| 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: P147027

CATALOG NUMBER: OVH-F01-LED-E-U-T4-7060

**CANDELA DISTRIBUTION (continued):**

|       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|-------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 0°    | 335.1  | 335.1  | 335.1  | 335.1  | 335.1  | 335.1 | 335.1 | 335.1 | 335.1 | 335.1 | 335.1 |
| 2.5°  | 331.5  | 332.4  | 333.2  | 334.3  | 334.6  | 335.4 | 337.0 | 336.8 | 338.0 | 338.5 | 339.3 |
| 5°    | 330.9  | 332.7  | 334.1  | 336.0  | 336.6  | 338.5 | 340.5 | 341.2 | 342.7 | 343.9 | 344.9 |
| 7.5°  | 332.2  | 334.3  | 336.0  | 338.2  | 339.7  | 341.2 | 342.7 | 344.6 | 345.9 | 346.8 | 347.5 |
| 10°   | 332.7  | 334.9  | 337.0  | 338.8  | 340.5  | 341.7 | 343.4 | 344.9 | 346.3 | 346.8 | 347.0 |
| 12.5° | 332.9  | 334.4  | 336.5  | 338.5  | 340.0  | 341.5 | 342.7 | 344.4 | 345.4 | 345.6 | 345.3 |
| 15°   | 334.3  | 334.4  | 335.8  | 338.2  | 339.7  | 341.2 | 342.0 | 342.9 | 343.6 | 343.1 | 342.6 |
| 17.5° | 338.3  | 337.1  | 337.1  | 338.3  | 339.2  | 339.8 | 340.0 | 339.8 | 339.2 | 338.2 | 337.3 |
| 20°   | 344.9  | 342.6  | 340.7  | 340.0  | 338.7  | 337.0 | 334.8 | 332.7 | 330.2 | 329.0 | 328.8 |
| 22.5° | 355.3  | 351.7  | 348.3  | 344.9  | 340.5  | 335.6 | 330.5 | 326.1 | 322.6 | 320.7 | 320.9 |
| 25°   | 372.9  | 367.6  | 363.7  | 357.8  | 350.7  | 343.7 | 337.1 | 331.2 | 327.0 | 323.6 | 324.3 |
| 27.5° | 396.6  | 390.7  | 387.3  | 380.5  | 372.4  | 363.6 | 355.8 | 347.6 | 341.5 | 337.3 | 338.2 |
| 30°   | 424.4  | 422.7  | 417.1  | 410.3  | 402.7  | 392.7 | 381.0 | 368.8 | 357.8 | 350.9 | 349.5 |
| 32.5° | 457.9  | 456.1  | 450.0  | 444.2  | 434.4  | 423.4 | 408.1 | 388.8 | 371.5 | 358.3 | 352.6 |
| 35°   | 499.3  | 494.7  | 487.2  | 481.6  | 470.6  | 456.4 | 436.8 | 410.7 | 384.4 | 364.6 | 350.2 |
| 37.5° | 550.8  | 539.4  | 527.1  | 512.5  | 496.2  | 478.9 | 456.2 | 425.7 | 393.2 | 365.1 | 339.5 |
| 40°   | 599.9  | 581.6  | 561.1  | 538.1  | 518.2  | 497.4 | 473.9 | 439.0 | 399.1 | 361.5 | 323.4 |
| 42.5° | 654.6  | 626.2  | 598.4  | 566.7  | 540.6  | 515.9 | 488.9 | 448.3 | 400.3 | 351.9 | 302.6 |
| 45°   | 707.3  | 670.7  | 633.4  | 594.3  | 561.1  | 533.7 | 503.0 | 456.2 | 400.0 | 341.7 | 281.9 |
| 47.5° | 754.2  | 710.5  | 664.4  | 620.4  | 581.8  | 551.6 | 518.1 | 467.1 | 404.6 | 338.8 | 268.2 |
| 50°   | 798.1  | 747.6  | 693.6  | 644.6  | 602.6  | 571.8 | 537.2 | 484.2 | 418.6 | 345.4 | 266.2 |
| 52.5° | 843.3  | 788.5  | 726.6  | 673.9  | 630.1  | 594.3 | 559.4 | 506.0 | 438.3 | 359.0 | 270.7 |
| 55°   | 902.3  | 839.3  | 773.4  | 714.9  | 664.6  | 626.2 | 585.8 | 532.5 | 459.5 | 374.7 | 279.4 |
| 57.5° | 990.1  | 916.4  | 841.5  | 778.6  | 720.5  | 672.6 | 628.4 | 567.2 | 494.5 | 398.5 | 298.3 |
| 60°   | 1147.6 | 1066.0 | 979.2  | 897.1  | 830.1  | 774.1 | 717.8 | 641.9 | 559.2 | 452.3 | 341.9 |
| 62.5° | 1405.0 | 1292.0 | 1172.0 | 1063.9 | 971.9  | 896.0 | 816.8 | 725.6 | 629.2 | 517.7 | 407.8 |
| 65°   | 1559.6 | 1403.8 | 1251.1 | 1125.8 | 1017.0 | 919.8 | 823.9 | 725.9 | 632.6 | 535.2 | 437.4 |
| 67°   | 1578.8 | 1407.8 | 1238.9 | 1105.4 | 988.9  | 883.0 | 779.0 | 678.8 | 595.3 | 513.7 | 429.3 |
| 67.5° | 1573.0 | 1399.7 | 1227.4 | 1092.6 | 974.8  | 872.3 | 770.0 | 667.5 | 586.2 | 504.5 | 423.2 |
| 70°   | 1459.5 | 1289.9 | 1119.5 | 988.4  | 875.5  | 770.7 | 673.9 | 571.3 | 508.4 | 450.0 | 379.7 |
| 72.5° | 1211.3 | 1079.0 | 936.2  | 826.9  | 729.5  | 638.7 | 553.6 | 467.8 | 417.3 | 375.9 | 326.5 |
| 75°   | 898.2  | 776.9  | 656.1  | 590.4  | 514.9  | 442.2 | 376.4 | 312.9 | 293.4 | 283.6 | 254.5 |
| 77.5° | 554.7  | 445.7  | 354.8  | 295.3  | 234.8  | 184.0 | 146.4 | 119.1 | 124.2 | 144.5 | 153.8 |
| 80°   | 276.1  | 204.0  | 157.9  | 125.5  | 101.5  | 82.0  | 60.1  | 44.0  | 52.7  | 62.5  | 70.8  |
| 82.5° | 166.2  | 131.3  | 103.9  | 87.9   | 71.5   | 55.2  | 39.1  | 29.8  | 33.0  | 44.4  | 48.8  |
| 85°   | 103.2  | 82.7   | 66.1   | 55.2   | 45.7   | 33.9  | 22.2  | 22.0  | 23.4  | 29.5  | 33.7  |
| 87.5° | 30.3   | 20.5   | 16.3   | 16.9   | 18.8   | 15.6  | 11.7  | 10.0  | 12.4  | 16.9  | 19.0  |
| 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: P147027

CATALOG NUMBER: OVH-F01-LED-E-U-T4-7060

**CANDELA DISTRIBUTION (continued):**

|       | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 335.1 | 335.1 | 335.1 | 335.1 | 335.1 | 335.1 | 335.1 | 335.1 | 335.1 | 335.1 | 335.1 |
| 2.5°  | 339.5 | 340.7 | 341.2 | 341.4 | 341.5 | 342.6 | 342.6 | 343.6 | 343.9 | 343.9 | 344.3 |
| 5°    | 345.9 | 347.1 | 347.6 | 347.8 | 348.1 | 348.7 | 348.5 | 349.2 | 349.5 | 349.3 | 349.3 |
| 7.5°  | 348.3 | 348.7 | 348.7 | 349.2 | 349.7 | 349.2 | 348.8 | 349.2 | 349.0 | 349.2 | 349.2 |
| 10°   | 347.5 | 347.1 | 347.1 | 346.8 | 347.3 | 346.3 | 346.3 | 346.6 | 346.5 | 346.8 | 347.3 |
| 12.5° | 345.4 | 345.3 | 344.8 | 344.6 | 345.3 | 344.6 | 344.8 | 345.3 | 345.6 | 346.3 | 347.1 |
| 15°   | 342.6 | 342.0 | 342.0 | 342.7 | 344.4 | 344.9 | 345.6 | 346.5 | 346.6 | 347.0 | 347.3 |
| 17.5° | 337.6 | 338.5 | 340.5 | 342.9 | 346.1 | 347.3 | 347.6 | 347.1 | 345.4 | 344.1 | 342.7 |
| 20°   | 330.9 | 334.6 | 339.8 | 344.9 | 348.8 | 348.7 | 346.5 | 343.2 | 339.2 | 336.3 | 334.4 |
| 22.5° | 325.1 | 332.4 | 340.5 | 346.6 | 349.2 | 345.9 | 340.9 | 336.0 | 331.2 | 327.0 | 323.2 |
| 25°   | 329.2 | 336.1 | 343.1 | 346.8 | 346.6 | 341.0 | 334.3 | 328.8 | 322.4 | 316.5 | 310.2 |
| 27.5° | 342.4 | 346.6 | 348.7 | 347.5 | 343.9 | 336.5 | 329.0 | 321.4 | 313.1 | 306.0 | 298.7 |
| 30°   | 351.4 | 351.4 | 349.3 | 344.6 | 338.3 | 330.0 | 320.9 | 311.0 | 301.2 | 292.9 | 284.6 |
| 32.5° | 348.5 | 341.9 | 336.0 | 329.5 | 322.4 | 313.4 | 302.9 | 292.2 | 281.1 | 271.4 | 264.3 |
| 35°   | 336.0 | 321.7 | 309.4 | 300.2 | 292.7 | 282.1 | 269.9 | 257.7 | 248.5 | 241.9 | 237.9 |
| 37.5° | 313.6 | 290.9 | 272.9 | 261.7 | 250.2 | 239.2 | 225.2 | 219.6 | 211.4 | 207.4 | 205.8 |
| 40°   | 286.5 | 253.3 | 230.7 | 216.3 | 204.1 | 190.4 | 180.9 | 177.4 | 174.3 | 173.5 | 172.8 |
| 42.5° | 255.3 | 213.8 | 187.0 | 172.1 | 157.4 | 147.4 | 143.2 | 141.0 | 140.4 | 140.4 | 141.3 |
| 45°   | 223.0 | 173.7 | 142.8 | 130.8 | 118.6 | 113.3 | 112.3 | 111.3 | 111.5 | 111.0 | 111.3 |
| 47.5° | 197.9 | 139.4 | 107.7 | 96.7  | 90.5  | 88.8  | 87.6  | 87.2  | 87.2  | 86.4  | 85.4  |
| 50°   | 184.8 | 116.6 | 84.5  | 75.9  | 72.3  | 71.2  | 71.2  | 70.5  | 69.1  | 68.3  | 66.1  |
| 52.5° | 181.4 | 104.7 | 73.2  | 65.7  | 62.7  | 61.7  | 60.7  | 59.6  | 57.6  | 55.7  | 53.2  |
| 55°   | 184.2 | 101.0 | 69.6  | 62.7  | 59.3  | 58.1  | 57.3  | 55.6  | 52.7  | 50.0  | 47.1  |
| 57.5° | 195.5 | 103.3 | 71.0  | 63.5  | 60.5  | 59.6  | 58.8  | 56.2  | 52.7  | 48.8  | 45.6  |
| 60°   | 226.5 | 114.5 | 76.7  | 68.1  | 65.6  | 65.7  | 64.5  | 61.3  | 56.2  | 50.7  | 45.9  |
| 62.5° | 266.5 | 130.1 | 84.2  | 74.5  | 74.2  | 75.9  | 75.9  | 70.3  | 62.0  | 53.5  | 47.1  |
| 65°   | 289.4 | 135.0 | 85.2  | 75.4  | 78.3  | 83.2  | 82.8  | 75.4  | 64.0  | 53.5  | 46.6  |
| 67°   | 283.6 | 129.8 | 81.0  | 70.5  | 73.9  | 79.5  | 78.8  | 71.7  | 61.0  | 51.3  | 45.2  |
| 67.5° | 279.0 | 128.1 | 80.0  | 69.3  | 72.7  | 77.3  | 77.3  | 70.1  | 59.6  | 50.7  | 44.7  |
| 70°   | 245.7 | 113.2 | 74.9  | 64.7  | 64.7  | 65.9  | 65.1  | 60.0  | 52.9  | 46.6  | 42.7  |
| 72.5° | 204.8 | 98.9  | 70.8  | 61.5  | 58.3  | 57.6  | 56.4  | 52.9  | 48.3  | 43.9  | 40.5  |
| 75°   | 158.7 | 87.6  | 67.6  | 58.1  | 53.9  | 52.3  | 51.2  | 48.5  | 44.9  | 41.2  | 38.3  |
| 77.5° | 111.1 | 75.1  | 63.4  | 55.2  | 50.7  | 49.5  | 47.6  | 44.6  | 41.7  | 38.5  | 35.7  |
| 80°   | 69.0  | 62.0  | 55.2  | 49.8  | 45.1  | 43.4  | 41.0  | 38.3  | 35.9  | 34.1  | 32.0  |
| 82.5° | 49.1  | 45.6  | 41.2  | 38.3  | 33.4  | 28.3  | 30.3  | 30.5  | 29.0  | 27.8  | 27.3  |
| 85°   | 32.9  | 29.6  | 27.4  | 24.9  | 22.0  | 19.8  | 20.3  | 21.9  | 22.0  | 21.5  | 21.5  |
| 87.5° | 18.0  | 15.2  | 14.7  | 15.2  | 13.2  | 12.5  | 12.7  | 14.1  | 14.2  | 14.2  | 14.4  |
| 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: P147027

CATALOG NUMBER: OVH-F01-LED-E-U-T4-7060

**CANDELA DISTRIBUTION (continued):**

|       | 165°  | 170°  | 175°  | 180°  |
|-------|-------|-------|-------|-------|
| 0°    | 335.1 | 335.1 | 335.1 | 335.1 |
| 2.5°  | 344.4 | 344.9 | 344.8 | 345.1 |
| 5°    | 349.7 | 350.0 | 349.8 | 350.0 |
| 7.5°  | 348.8 | 349.5 | 349.8 | 349.3 |
| 10°   | 347.5 | 348.5 | 349.2 | 349.2 |
| 12.5° | 347.8 | 349.5 | 350.5 | 350.5 |
| 15°   | 347.5 | 348.8 | 349.2 | 349.2 |
| 17.5° | 342.2 | 342.2 | 342.4 | 341.7 |
| 20°   | 333.1 | 332.1 | 331.7 | 330.5 |
| 22.5° | 320.0 | 317.7 | 316.1 | 315.3 |
| 25°   | 305.1 | 301.4 | 299.0 | 297.7 |
| 27.5° | 292.7 | 289.5 | 287.2 | 285.8 |
| 30°   | 279.0 | 275.3 | 273.9 | 272.9 |
| 32.5° | 259.2 | 255.6 | 254.6 | 253.8 |
| 35°   | 233.5 | 232.3 | 229.6 | 227.7 |
| 37.5° | 203.6 | 202.1 | 201.1 | 200.4 |
| 40°   | 172.5 | 172.6 | 171.8 | 170.3 |
| 42.5° | 141.3 | 143.0 | 141.3 | 141.0 |
| 45°   | 111.0 | 112.8 | 112.8 | 113.3 |
| 47.5° | 85.6  | 85.2  | 85.9  | 86.1  |
| 50°   | 64.7  | 63.7  | 63.4  | 62.9  |
| 52.5° | 51.3  | 50.1  | 49.5  | 48.6  |
| 55°   | 45.2  | 43.9  | 43.2  | 43.0  |
| 57.5° | 43.2  | 41.5  | 40.5  | 40.3  |
| 60°   | 42.7  | 40.3  | 39.0  | 38.6  |
| 62.5° | 42.7  | 39.8  | 38.3  | 37.8  |
| 65°   | 42.2  | 39.3  | 37.9  | 37.4  |
| 67°   | 41.5  | 39.0  | 37.6  | 37.3  |
| 67.5° | 41.2  | 38.8  | 37.6  | 37.1  |
| 70°   | 40.3  | 38.3  | 36.9  | 36.4  |
| 72.5° | 38.5  | 36.8  | 35.4  | 35.1  |
| 75°   | 36.4  | 34.9  | 34.1  | 33.7  |
| 77.5° | 34.1  | 32.7  | 31.7  | 30.8  |
| 80°   | 30.5  | 29.0  | 27.4  | 27.1  |
| 82.5° | 25.9  | 24.2  | 23.0  | 22.9  |
| 85°   | 20.8  | 19.5  | 18.1  | 18.1  |
| 87.5° | 14.6  | 13.7  | 12.9  | 12.0  |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)