

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: P163721

Luminaire Tested: **OVH-F02-LED-E-U-SL3-HSS-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P163721
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: STREETWORKS
Catalog Number: OVH-F02-LED-E-U-SL3-HSS-7030
Description: OVH LED ROADWAY SMALL CUTOFF COBRAHEAD LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (14) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2536.1 lumens
Efficiency: N/A
Efficacy: 46.1 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

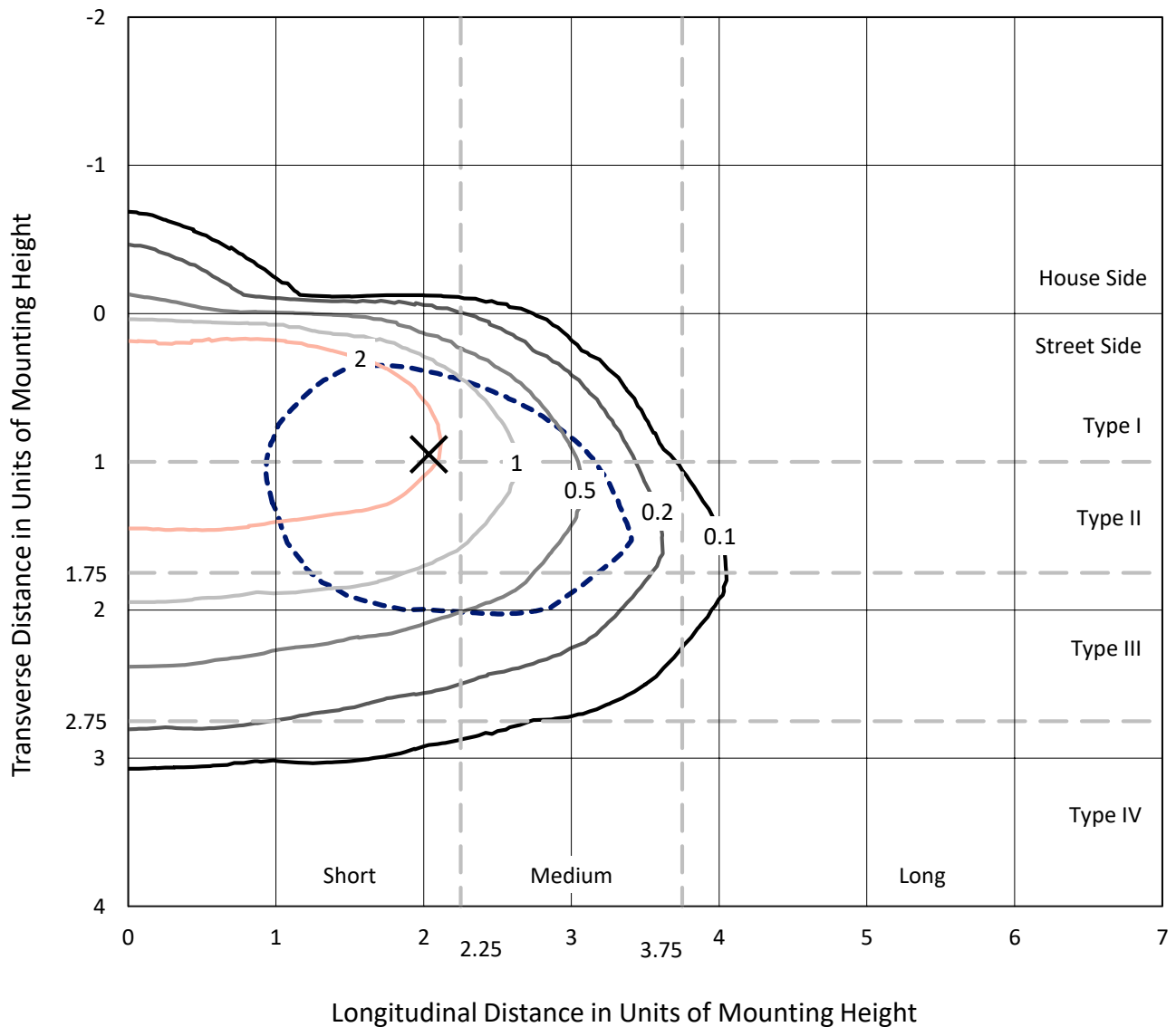
Input Watts (W): 55
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P163721
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Iso-Footcandle Lines of Horizontal Illumination

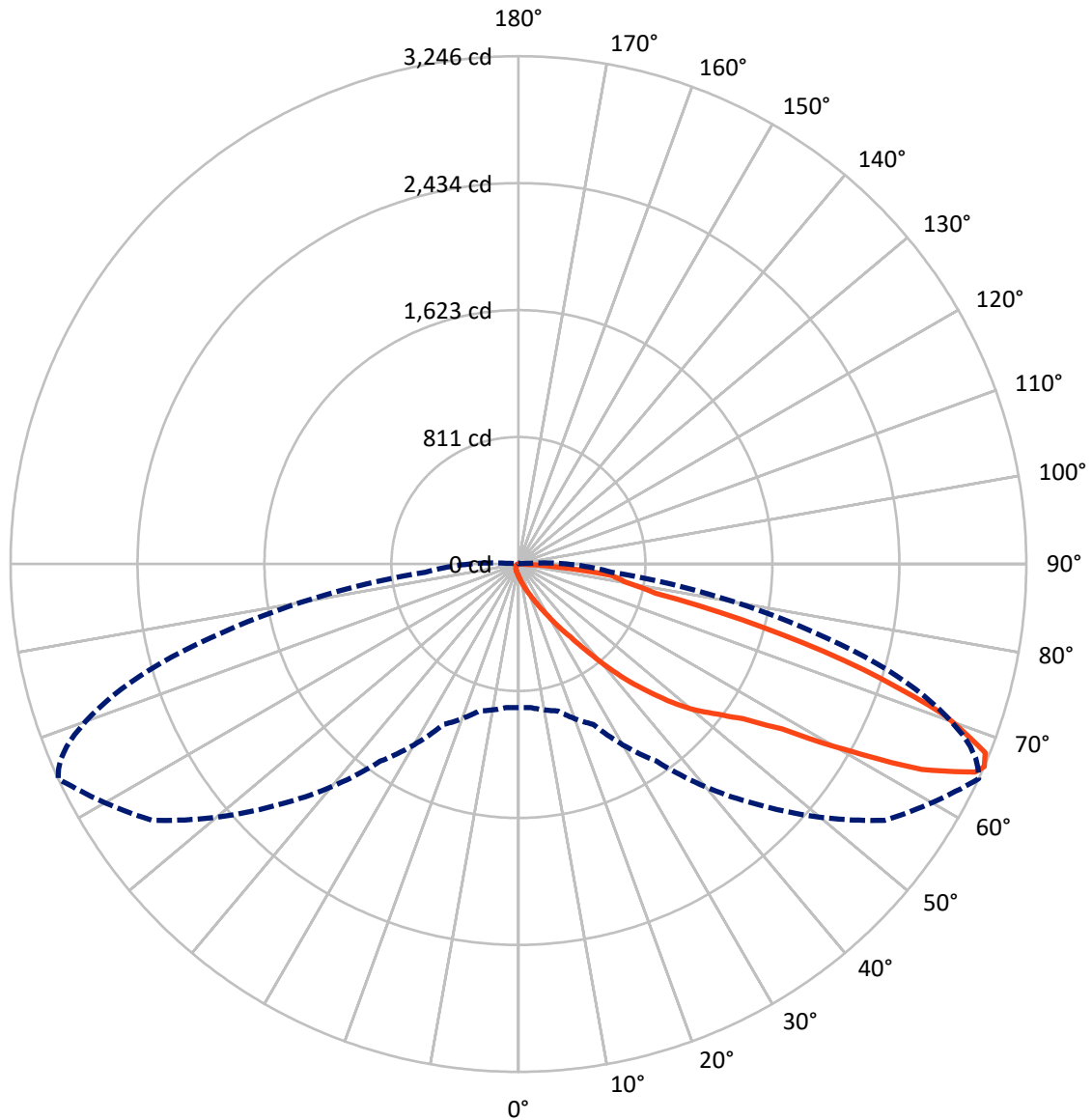
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 4.2 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 | 55.0 | 0.0 | 55.0 |
| | % Fixture | 2.2 | 0.0 | 2.2 |
| Street Side | Lumens | 2481.2 | 0.0 | 2481.2 |
| | % Fixture | 97.8 | 0.0 | 97.8 |
| Total | Lumens | 2536.1 | 0.0 | 2536.1 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 8.6 | 0.3 |
| 10°-20° | 36.3 | 1.4 |
| 20°-30° | 78.4 | 3.1 |
| 30°-40° | 167.4 | 6.6 |
| 40°-50° | 370.1 | 14.6 |
| 50°-60° | 627.2 | 24.7 |
| 60°-70° | 837.0 | 33.0 |
| 70°-80° | 368.7 | 14.5 |
| 80°-90° | 42.5 | 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° | 2536.1 | 100.0 |
| 0°-180° | 2536.1 | 100.0 |



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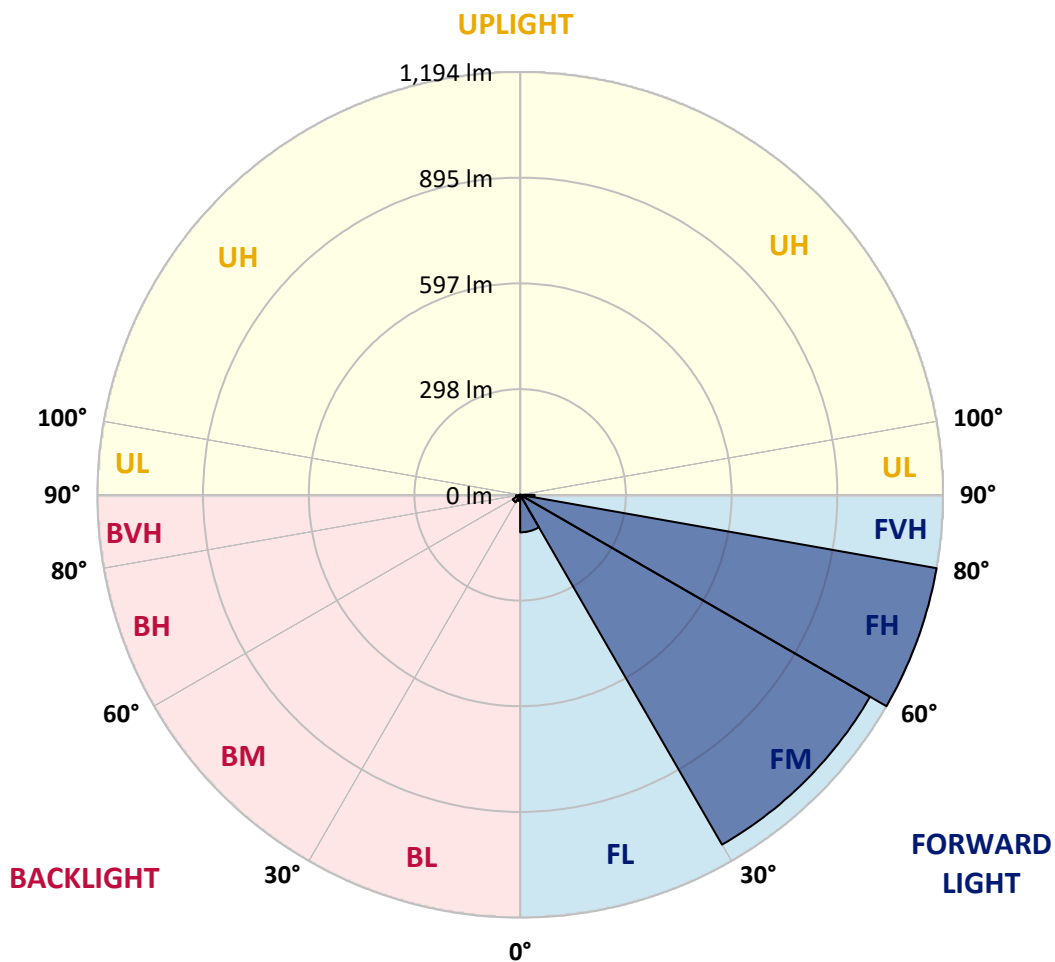
CATALOG NUMBER: OVH-F02-LED-E-U-SL3-HSS-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 105.9 | 4.2 | | | |
| FM | (30°-60°) | 1140.6 | 45.0 | | | |
| FH | (60°-80°) | 1193.9 | 47.1 | | | G1/1800 |
| FVH | (80°-90°) | 40.8 | 1.6 | | | G1/100 |
| BL | (0°-30°) | 17.3 | 0.7 | B0/110 | | |
| BM | (30°-60°) | 24.1 | 1.0 | B0/220 | | |
| BH | (60°-80°) | 11.8 | 0.5 | B0/110 | | G0/110 |
| BVH | (80°-90°) | 1.7 | 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° | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| 2.5° | 96.5 | 96.1 | 94.1 | 94.1 | 91.2 | 89.2 | 86.8 | 84.4 | 84.4 | 83.9 | 83.4 |
| 5° | 127.8 | 124.8 | 124.3 | 119.0 | 114.6 | 108.2 | 102.4 | 94.6 | 93.6 | 92.7 | 92.1 |
| 7.5° | 162.3 | 161.9 | 157.5 | 151.2 | 142.4 | 130.7 | 119.0 | 106.3 | 104.4 | 103.4 | 101.4 |
| 10° | 207.2 | 204.8 | 198.9 | 188.2 | 175.0 | 159.4 | 140.4 | 120.4 | 118.0 | 116.1 | 115.1 |
| 12.5° | 250.1 | 245.7 | 242.3 | 228.7 | 212.1 | 189.2 | 166.3 | 137.5 | 135.5 | 133.1 | 129.2 |
| 15° | 290.1 | 286.2 | 280.4 | 268.7 | 250.1 | 221.4 | 194.5 | 159.4 | 154.6 | 151.2 | 148.2 |
| 17.5° | 321.3 | 318.9 | 312.1 | 298.9 | 278.9 | 253.6 | 221.4 | 181.9 | 178.0 | 173.6 | 168.2 |
| 20° | 351.1 | 347.7 | 336.9 | 318.9 | 297.4 | 277.9 | 253.0 | 211.1 | 205.7 | 200.4 | 194.5 |
| 22.5° | 379.3 | 375.9 | 358.4 | 328.6 | 305.7 | 297.4 | 288.7 | 244.3 | 236.0 | 231.6 | 225.7 |
| 25° | 418.8 | 411.5 | 384.2 | 336.9 | 306.2 | 312.5 | 327.7 | 287.2 | 279.4 | 273.0 | 263.8 |
| 27.5° | 472.0 | 462.2 | 419.3 | 349.1 | 308.1 | 329.1 | 372.5 | 339.4 | 331.1 | 323.8 | 313.5 |
| 30° | 532.0 | 525.6 | 474.4 | 378.4 | 322.3 | 353.5 | 422.7 | 405.7 | 395.9 | 387.1 | 374.9 |
| 32.5° | 592.4 | 583.6 | 532.9 | 433.9 | 360.3 | 400.8 | 485.6 | 482.7 | 470.0 | 461.7 | 448.6 |
| 35° | 645.5 | 641.2 | 603.6 | 525.1 | 447.1 | 483.7 | 569.5 | 572.9 | 561.7 | 552.9 | 538.3 |
| 37.5° | 681.6 | 681.6 | 674.3 | 623.1 | 585.1 | 612.4 | 692.9 | 693.3 | 682.1 | 662.1 | 654.8 |
| 40° | 700.2 | 705.5 | 731.9 | 741.6 | 739.7 | 774.8 | 854.7 | 846.0 | 836.7 | 826.4 | 802.1 |
| 42.5° | 738.2 | 743.1 | 799.1 | 866.4 | 910.3 | 956.6 | 1011.7 | 1008.8 | 997.6 | 979.0 | 956.6 |
| 45° | 802.6 | 808.9 | 875.7 | 982.5 | 1072.7 | 1138.5 | 1173.6 | 1159.9 | 1148.7 | 1131.2 | 1119.5 |
| 47.5° | 884.5 | 896.6 | 972.2 | 1104.4 | 1213.1 | 1321.8 | 1358.4 | 1322.3 | 1312.6 | 1298.9 | 1279.9 |
| 50° | 971.7 | 983.4 | 1063.9 | 1215.0 | 1337.9 | 1467.6 | 1528.6 | 1467.6 | 1453.5 | 1449.1 | 1427.6 |
| 52.5° | 1047.3 | 1057.1 | 1134.6 | 1300.4 | 1433.5 | 1585.6 | 1674.3 | 1593.9 | 1583.7 | 1569.0 | 1553.4 |
| 55° | 1092.2 | 1100.0 | 1172.6 | 1341.3 | 1498.3 | 1691.9 | 1815.3 | 1744.6 | 1729.4 | 1723.6 | 1701.2 |
| 57.5° | 1107.3 | 1115.1 | 1180.4 | 1346.7 | 1533.4 | 1788.9 | 1986.4 | 1988.8 | 1970.8 | 1949.8 | 1943.0 |
| 60° | 1107.3 | 1116.1 | 1171.2 | 1333.5 | 1567.6 | 1892.3 | 2214.6 | 2417.9 | 2378.9 | 2375.0 | 2350.1 |
| 62.5° | 1061.4 | 1069.7 | 1125.3 | 1293.1 | 1613.4 | 2031.7 | 2532.5 | 2891.3 | 2880.1 | 2854.8 | 2813.8 |
| 65° | 962.0 | 966.9 | 1021.5 | 1189.7 | 1595.8 | 2160.0 | 2808.0 | 3206.3 | 3188.3 | 3138.5 | 3085.9 |
| 66° | 917.1 | 921.0 | 972.2 | 1130.7 | 1538.3 | 2177.5 | 2856.7 | 3245.8 | 3216.1 | 3174.1 | 3114.7 |
| 67.5° | 852.3 | 859.1 | 895.2 | 1021.0 | 1400.3 | 2116.6 | 2826.0 | 3218.0 | 3192.2 | 3141.5 | 3082.0 |
| 70° | 569.0 | 564.1 | 691.4 | 783.6 | 1066.8 | 1724.6 | 2535.4 | 2889.4 | 2889.9 | 2866.0 | 2842.1 |
| 72.5° | 270.1 | 273.0 | 310.1 | 482.2 | 698.2 | 1152.1 | 2018.1 | 2306.3 | 2339.4 | 2296.5 | 2266.7 |
| 75° | 194.0 | 198.5 | 220.9 | 295.0 | 416.4 | 691.4 | 1308.2 | 1612.9 | 1613.9 | 1537.8 | 1470.0 |
| 77.5° | 56.5 | 59.0 | 82.9 | 181.9 | 312.1 | 466.6 | 751.4 | 896.6 | 875.7 | 821.1 | 769.9 |
| 80° | 23.4 | 23.4 | 24.4 | 58.0 | 125.3 | 316.9 | 525.6 | 690.4 | 688.0 | 667.0 | 636.8 |
| 82.5° | 8.8 | 9.3 | 11.7 | 23.9 | 29.7 | 78.0 | 350.6 | 599.2 | 597.8 | 568.0 | 546.6 |
| 85° | 1.0 | 1.0 | 2.9 | 10.2 | 11.2 | 14.6 | 70.2 | 264.3 | 262.8 | 264.3 | 231.6 |
| 87.5° | 0.0 | 0.0 | 0.5 | 1.0 | 1.4 | 2.0 | 2.9 | 10.2 | 11.2 | 10.7 | 9.7 |
| 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° | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| 2.5° | 83.4 | 82.4 | 82.4 | 81.9 | 81.9 | 81.9 | 81.4 | 80.9 | 80.9 | 80.4 | 80.0 |
| 5° | 91.2 | 90.2 | 89.7 | 88.7 | 88.2 | 87.8 | 86.8 | 86.3 | 85.3 | 84.8 | 84.4 |
| 7.5° | 100.4 | 98.5 | 98.0 | 96.5 | 95.1 | 94.1 | 93.1 | 91.7 | 90.7 | 88.7 | 88.2 |
| 10° | 112.1 | 109.7 | 107.8 | 105.8 | 104.4 | 101.9 | 100.4 | 98.5 | 96.5 | 95.1 | 93.6 |
| 12.5° | 127.2 | 123.8 | 120.9 | 119.0 | 115.5 | 112.6 | 109.7 | 108.2 | 104.4 | 102.4 | 99.9 |
| 15° | 143.8 | 139.9 | 136.5 | 132.6 | 130.2 | 125.3 | 121.4 | 117.0 | 115.1 | 111.7 | 107.8 |
| 17.5° | 165.3 | 158.9 | 153.6 | 149.7 | 144.8 | 139.9 | 135.5 | 131.2 | 125.3 | 121.4 | 116.5 |
| 20° | 188.2 | 182.8 | 175.5 | 168.7 | 162.9 | 157.0 | 150.6 | 144.8 | 139.5 | 133.1 | 127.2 |
| 22.5° | 217.5 | 209.7 | 200.9 | 194.0 | 186.3 | 179.9 | 171.1 | 163.3 | 154.6 | 146.3 | 139.5 |
| 25° | 254.5 | 244.3 | 236.0 | 226.2 | 217.0 | 207.2 | 196.5 | 186.7 | 175.5 | 167.7 | 156.0 |
| 27.5° | 300.4 | 290.6 | 279.4 | 266.7 | 257.4 | 242.8 | 228.7 | 216.5 | 203.3 | 191.1 | 178.0 |
| 30° | 358.9 | 344.7 | 333.0 | 320.8 | 302.3 | 288.1 | 271.6 | 255.0 | 237.0 | 224.8 | 204.8 |
| 32.5° | 429.1 | 413.9 | 396.4 | 378.8 | 361.8 | 341.8 | 321.3 | 300.8 | 280.8 | 258.4 | 237.9 |
| 35° | 514.9 | 496.9 | 476.9 | 457.8 | 431.5 | 410.1 | 384.2 | 355.9 | 333.5 | 307.7 | 281.8 |
| 37.5° | 628.5 | 598.7 | 581.2 | 561.2 | 525.6 | 496.3 | 467.6 | 439.3 | 399.8 | 372.5 | 335.9 |
| 40° | 770.9 | 753.3 | 724.5 | 692.3 | 660.2 | 621.7 | 582.7 | 545.1 | 499.3 | 461.3 | 418.8 |
| 42.5° | 938.1 | 912.3 | 883.0 | 836.7 | 804.0 | 758.7 | 714.3 | 664.6 | 608.5 | 559.7 | 510.0 |
| 45° | 1095.1 | 1064.4 | 1042.0 | 995.6 | 961.5 | 907.9 | 854.2 | 801.6 | 736.7 | 673.8 | 616.3 |
| 47.5° | 1264.8 | 1239.4 | 1202.4 | 1164.8 | 1130.2 | 1069.7 | 1011.7 | 947.9 | 879.6 | 805.0 | 730.4 |
| 50° | 1414.0 | 1394.0 | 1368.6 | 1323.3 | 1284.8 | 1234.0 | 1165.8 | 1096.1 | 1009.8 | 935.7 | 850.8 |
| 52.5° | 1540.7 | 1525.1 | 1489.6 | 1457.4 | 1422.8 | 1375.0 | 1314.0 | 1247.2 | 1154.1 | 1072.7 | 976.1 |
| 55° | 1690.4 | 1679.2 | 1648.0 | 1628.0 | 1597.3 | 1551.5 | 1494.4 | 1432.5 | 1334.0 | 1245.3 | 1136.1 |
| 57.5° | 1935.7 | 1926.9 | 1899.6 | 1891.3 | 1861.1 | 1821.1 | 1750.9 | 1684.6 | 1569.5 | 1459.3 | 1334.5 |
| 60° | 2341.8 | 2324.3 | 2284.3 | 2263.8 | 2199.9 | 2146.3 | 2055.1 | 1964.0 | 1825.0 | 1684.6 | 1534.4 |
| 62.5° | 2776.7 | 2727.5 | 2651.4 | 2586.1 | 2495.4 | 2402.3 | 2280.4 | 2140.9 | 1978.1 | 1811.4 | 1638.8 |
| 65° | 3011.3 | 2927.4 | 2831.4 | 2727.5 | 2610.0 | 2473.0 | 2319.4 | 2152.2 | 1977.1 | 1801.1 | 1618.8 |
| 66° | 3038.1 | 2943.5 | 2841.6 | 2726.0 | 2595.4 | 2449.6 | 2293.6 | 2118.0 | 1936.2 | 1764.6 | 1582.2 |
| 67.5° | 3004.5 | 2905.5 | 2797.7 | 2669.5 | 2528.1 | 2376.9 | 2213.1 | 2030.7 | 1855.7 | 1681.6 | 1504.2 |
| 70° | 2769.0 | 2670.5 | 2574.4 | 2439.3 | 2288.7 | 2136.6 | 1981.5 | 1777.7 | 1611.9 | 1452.0 | 1294.0 |
| 72.5° | 2211.2 | 2144.4 | 2049.3 | 1933.7 | 1787.0 | 1608.5 | 1479.3 | 1297.0 | 1153.1 | 998.1 | 875.7 |
| 75° | 1381.8 | 1287.7 | 1170.2 | 1022.9 | 910.8 | 766.0 | 690.4 | 551.9 | 470.0 | 398.3 | 329.1 |
| 77.5° | 706.5 | 635.8 | 553.4 | 470.5 | 391.1 | 312.1 | 241.3 | 170.6 | 115.1 | 80.0 | 59.5 |
| 80° | 583.6 | 521.2 | 453.0 | 377.4 | 307.2 | 238.4 | 171.6 | 117.0 | 74.6 | 48.8 | 38.0 |
| 82.5° | 482.2 | 429.6 | 368.6 | 298.4 | 237.4 | 187.2 | 130.2 | 84.8 | 52.7 | 34.1 | 26.8 |
| 85° | 205.3 | 186.3 | 143.8 | 114.1 | 85.8 | 63.4 | 44.4 | 29.7 | 21.0 | 17.1 | 15.6 |
| 87.5° | 8.8 | 9.7 | 9.3 | 7.3 | 5.4 | 5.4 | 4.9 | 3.9 | 3.9 | 3.9 | 3.9 |
| 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° | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| 2.5° | 80.0 | 79.5 | 79.0 | 79.0 | 78.5 | 78.0 | 75.1 | 72.7 | 69.7 | 67.8 | 65.8 |
| 5° | 83.4 | 82.9 | 81.9 | 81.4 | 80.4 | 80.0 | 73.6 | 68.3 | 63.9 | 60.5 | 58.0 |
| 7.5° | 86.8 | 86.3 | 84.8 | 83.4 | 82.9 | 81.9 | 71.7 | 64.8 | 59.0 | 55.1 | 52.7 |
| 10° | 91.2 | 89.7 | 88.2 | 86.3 | 84.8 | 83.4 | 69.7 | 61.0 | 54.6 | 51.2 | 48.8 |
| 12.5° | 97.5 | 95.1 | 92.7 | 90.2 | 88.2 | 85.8 | 68.7 | 57.5 | 51.2 | 47.3 | 44.8 |
| 15° | 104.8 | 101.4 | 98.5 | 95.6 | 92.1 | 89.7 | 66.8 | 54.6 | 48.3 | 44.4 | 41.4 |
| 17.5° | 111.7 | 107.8 | 103.4 | 99.0 | 95.6 | 92.1 | 64.8 | 51.7 | 45.3 | 41.4 | 38.5 |
| 20° | 121.4 | 115.5 | 110.2 | 104.8 | 99.9 | 95.6 | 61.9 | 48.8 | 42.9 | 38.5 | 35.6 |
| 22.5° | 132.1 | 125.3 | 118.5 | 111.2 | 104.8 | 99.0 | 59.5 | 46.3 | 40.5 | 36.1 | 32.7 |
| 25° | 145.8 | 137.5 | 128.2 | 119.0 | 111.7 | 103.8 | 57.0 | 43.9 | 38.0 | 33.6 | 30.2 |
| 27.5° | 164.8 | 153.1 | 142.9 | 131.2 | 119.9 | 111.2 | 55.1 | 41.9 | 35.6 | 31.2 | 27.8 |
| 30° | 190.6 | 173.6 | 157.5 | 144.8 | 131.6 | 119.0 | 53.1 | 39.5 | 33.6 | 28.8 | 24.9 |
| 32.5° | 219.4 | 199.4 | 180.9 | 161.9 | 145.3 | 130.7 | 51.2 | 37.5 | 31.2 | 26.3 | 22.9 |
| 35° | 255.0 | 229.6 | 204.8 | 182.8 | 162.9 | 143.3 | 49.3 | 35.6 | 29.3 | 23.9 | 20.5 |
| 37.5° | 306.2 | 274.5 | 241.9 | 213.6 | 187.7 | 161.9 | 47.8 | 33.6 | 26.8 | 21.4 | 18.0 |
| 40° | 376.4 | 335.5 | 295.5 | 257.0 | 223.3 | 191.1 | 45.8 | 31.7 | 24.9 | 19.5 | 16.1 |
| 42.5° | 452.5 | 402.8 | 350.1 | 306.7 | 260.4 | 219.9 | 43.9 | 29.7 | 22.9 | 17.6 | 14.1 |
| 45° | 547.1 | 485.1 | 421.3 | 362.3 | 305.7 | 253.6 | 41.9 | 27.8 | 20.5 | 15.6 | 12.2 |
| 47.5° | 650.4 | 571.4 | 499.3 | 425.2 | 357.9 | 295.5 | 39.5 | 26.3 | 18.5 | 13.7 | 10.7 |
| 50° | 756.7 | 673.3 | 582.2 | 497.8 | 417.9 | 337.4 | 37.1 | 23.9 | 16.6 | 12.2 | 8.8 |
| 52.5° | 871.3 | 772.8 | 679.7 | 574.8 | 481.7 | 392.5 | 34.6 | 21.9 | 15.1 | 10.7 | 7.3 |
| 55° | 1017.1 | 906.9 | 797.7 | 680.2 | 568.0 | 456.4 | 32.2 | 19.5 | 13.1 | 9.3 | 5.9 |
| 57.5° | 1200.4 | 1069.7 | 935.7 | 803.0 | 667.0 | 540.2 | 30.2 | 17.1 | 11.2 | 7.8 | 4.9 |
| 60° | 1373.5 | 1220.9 | 1058.5 | 905.9 | 752.3 | 604.6 | 27.3 | 15.1 | 9.7 | 6.3 | 4.9 |
| 62.5° | 1463.2 | 1289.1 | 1114.1 | 945.9 | 782.1 | 627.5 | 24.4 | 12.7 | 8.3 | 5.4 | 4.4 |
| 65° | 1441.3 | 1263.8 | 1094.1 | 924.5 | 764.0 | 612.9 | 21.4 | 11.2 | 7.3 | 4.9 | 4.4 |
| 66° | 1409.6 | 1234.0 | 1063.4 | 902.0 | 748.9 | 597.3 | 20.0 | 10.7 | 6.8 | 4.9 | 3.9 |
| 67.5° | 1340.4 | 1170.7 | 1007.8 | 857.7 | 707.5 | 567.5 | 18.0 | 9.7 | 6.3 | 4.4 | 3.9 |
| 70° | 1144.8 | 990.7 | 860.6 | 727.0 | 604.6 | 478.3 | 14.6 | 8.3 | 5.4 | 3.9 | 3.9 |
| 72.5° | 757.7 | 652.9 | 566.1 | 487.1 | 407.1 | 316.0 | 12.2 | 6.8 | 4.4 | 3.9 | 3.4 |
| 75° | 285.7 | 258.4 | 221.9 | 199.4 | 174.1 | 152.6 | 9.7 | 4.4 | 3.4 | 3.4 | 3.4 |
| 77.5° | 50.7 | 46.8 | 41.4 | 38.0 | 35.1 | 32.2 | 7.8 | 2.9 | 2.9 | 3.4 | 3.4 |
| 80° | 34.1 | 31.7 | 28.8 | 26.3 | 24.4 | 21.9 | 5.4 | 2.4 | 2.9 | 2.9 | 3.4 |
| 82.5° | 24.4 | 22.9 | 21.4 | 19.5 | 18.0 | 16.1 | 3.4 | 2.4 | 2.9 | 2.9 | 2.9 |
| 85° | 14.6 | 13.7 | 12.7 | 11.7 | 10.2 | 9.7 | 2.4 | 2.4 | 2.4 | 2.9 | 2.9 |
| 87.5° | 3.9 | 3.4 | 3.9 | 3.9 | 2.9 | 3.4 | 2.0 | 2.0 | 2.0 | 2.4 | 2.4 |
| 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: P163721

CATALOG NUMBER: OVH-F02-LED-E-U-SL3-HSS-7030

CANDELA DISTRIBUTION (continued):

| | 145° | 155° | 165° | 175° | 180° |
|-------|------|------|------|------|------|
| 0° | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| 2.5° | 64.8 | 64.8 | 63.9 | 65.3 | 65.3 |
| 5° | 56.1 | 56.1 | 55.6 | 56.1 | 56.1 |
| 7.5° | 51.2 | 50.7 | 50.7 | 50.7 | 51.2 |
| 10° | 46.8 | 46.3 | 46.3 | 46.3 | 46.3 |
| 12.5° | 42.9 | 42.4 | 41.9 | 42.4 | 42.4 |
| 15° | 39.5 | 38.5 | 38.5 | 38.5 | 38.5 |
| 17.5° | 36.6 | 35.6 | 35.1 | 35.1 | 35.1 |
| 20° | 33.6 | 32.2 | 32.2 | 32.2 | 32.2 |
| 22.5° | 30.7 | 29.3 | 29.3 | 29.3 | 29.3 |
| 25° | 27.8 | 26.3 | 26.3 | 26.3 | 26.3 |
| 27.5° | 25.4 | 23.9 | 23.9 | 23.9 | 23.9 |
| 30° | 22.4 | 21.4 | 21.4 | 21.9 | 21.4 |
| 32.5° | 20.5 | 19.0 | 19.0 | 19.5 | 19.5 |
| 35° | 18.0 | 17.1 | 17.1 | 17.1 | 17.1 |
| 37.5° | 15.6 | 14.6 | 14.6 | 14.6 | 14.6 |
| 40° | 13.7 | 12.7 | 12.2 | 12.7 | 12.7 |
| 42.5° | 11.7 | 10.7 | 10.2 | 10.2 | 10.2 |
| 45° | 10.2 | 8.8 | 8.3 | 8.8 | 8.8 |
| 47.5° | 8.3 | 7.3 | 7.3 | 7.8 | 7.8 |
| 50° | 6.3 | 6.3 | 6.8 | 7.8 | 7.8 |
| 52.5° | 5.9 | 5.9 | 6.8 | 7.8 | 7.8 |
| 55° | 5.4 | 5.9 | 6.8 | 7.3 | 7.8 |
| 57.5° | 4.9 | 5.9 | 6.8 | 7.3 | 7.3 |
| 60° | 4.9 | 5.4 | 6.3 | 7.3 | 7.3 |
| 62.5° | 4.4 | 4.9 | 5.9 | 6.8 | 6.8 |
| 65° | 4.4 | 4.9 | 5.9 | 6.8 | 6.8 |
| 66° | 4.4 | 4.9 | 5.9 | 6.8 | 6.8 |
| 67.5° | 4.4 | 4.9 | 5.9 | 6.8 | 6.8 |
| 70° | 4.4 | 4.9 | 5.9 | 6.3 | 6.3 |
| 72.5° | 3.9 | 4.4 | 5.4 | 6.3 | 6.3 |
| 75° | 3.9 | 4.4 | 5.4 | 6.3 | 6.3 |
| 77.5° | 3.9 | 4.4 | 5.4 | 6.3 | 6.3 |
| 80° | 3.9 | 4.4 | 5.4 | 5.9 | 6.3 |
| 82.5° | 3.4 | 4.4 | 4.9 | 5.9 | 5.9 |
| 85° | 3.4 | 3.9 | 4.9 | 5.4 | 5.9 |
| 87.5° | 2.9 | 3.4 | 3.9 | 4.9 | 4.9 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)