

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: P163735

Luminaire Tested: **OVH-E04-LED-E-U-SL3-HSS-8030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P163735
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-E04-LED-E-U-SL3-HSS-8030
Description: OVH LED ROADWAY SMALL CUTOFF COBRAHEAD LUMINAIRE
(4) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (84) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5677.6 lumens
Efficiency: N/A
Efficacy: 58.4 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.67' x L: 1' x H: 0.1')
IES Classification: Type III - Short - Non-Cutoff
BUG Rating: B0 - U0 - G2

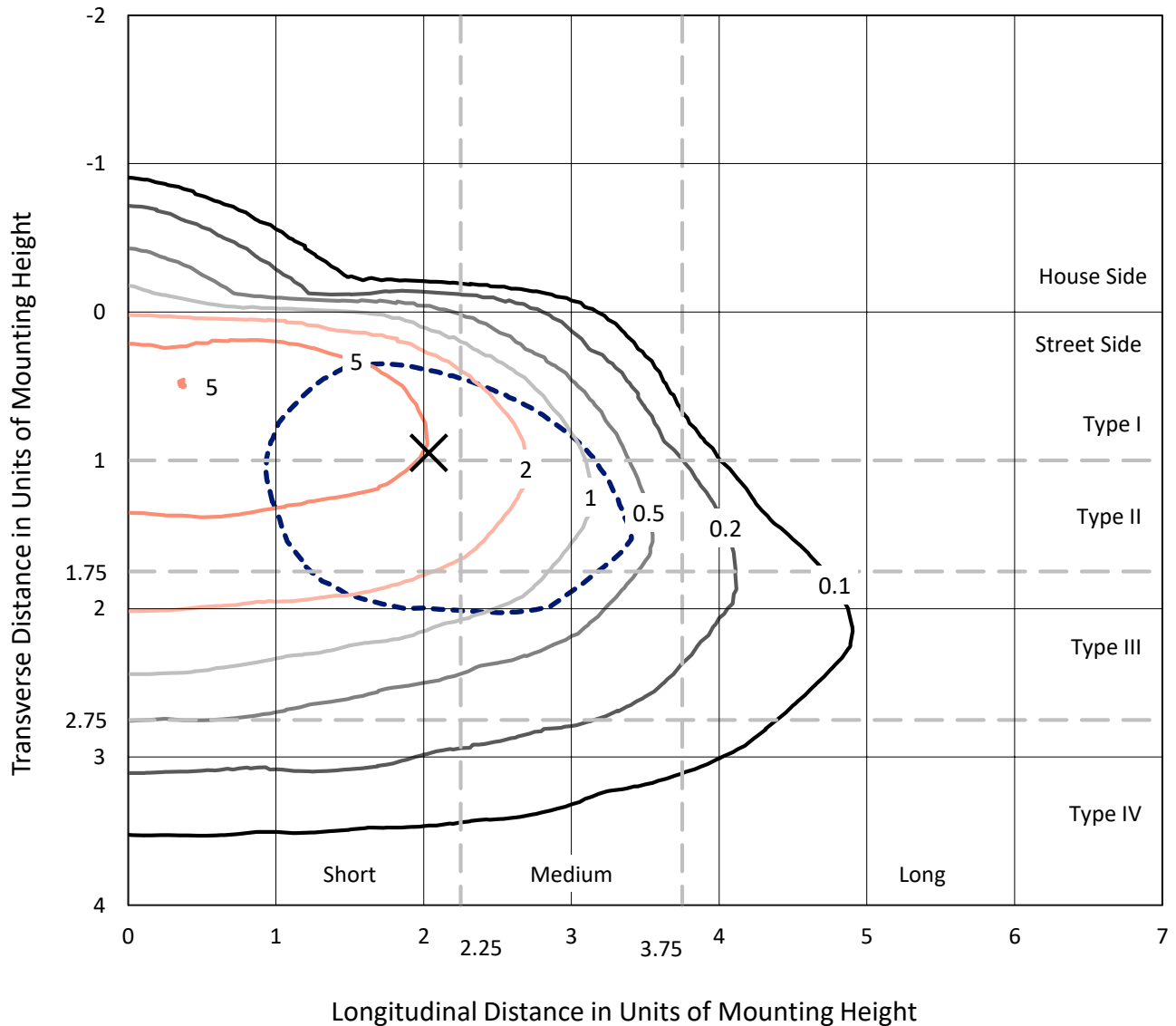
Input Watts (W): 97.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

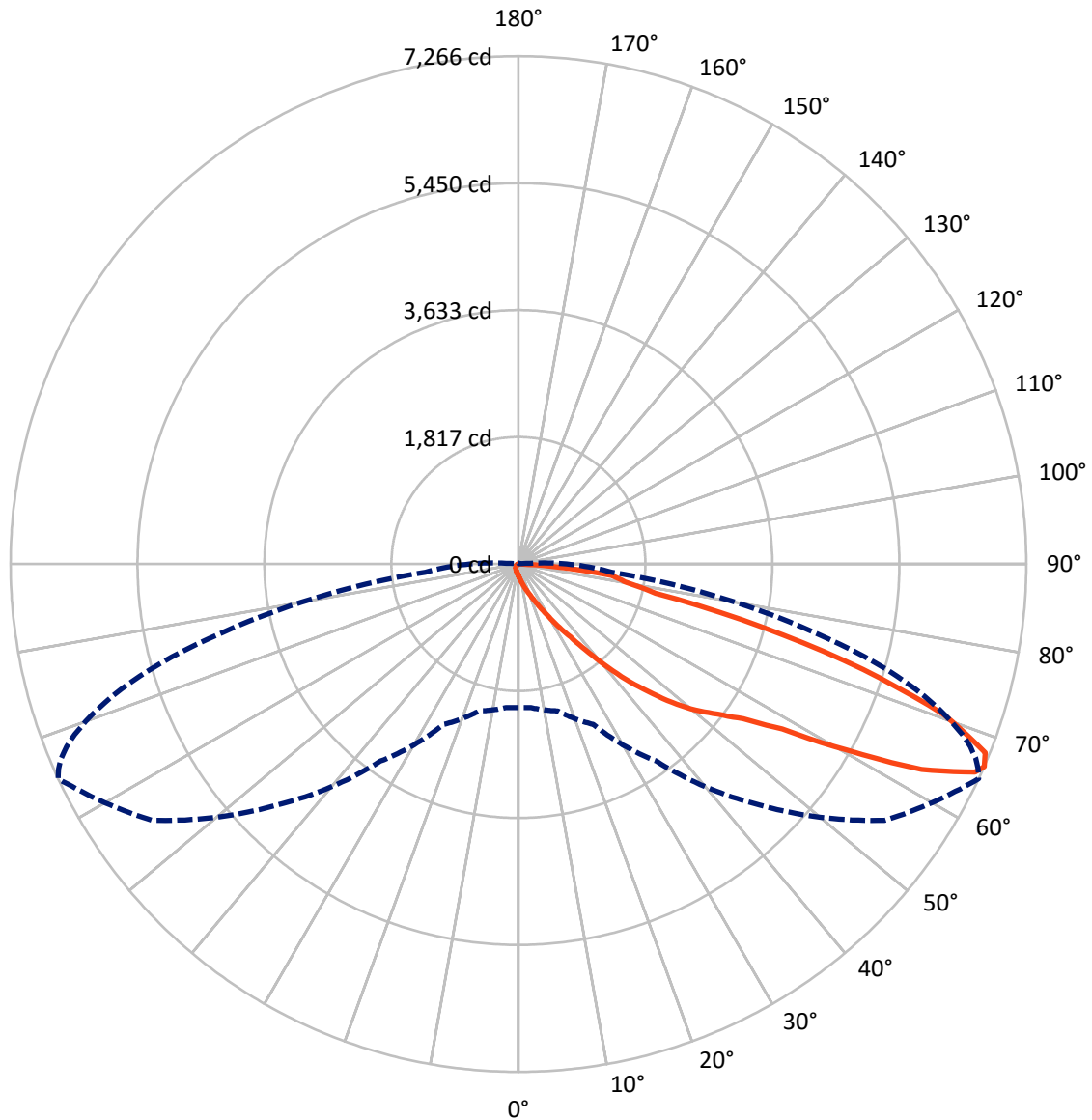
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 9.4 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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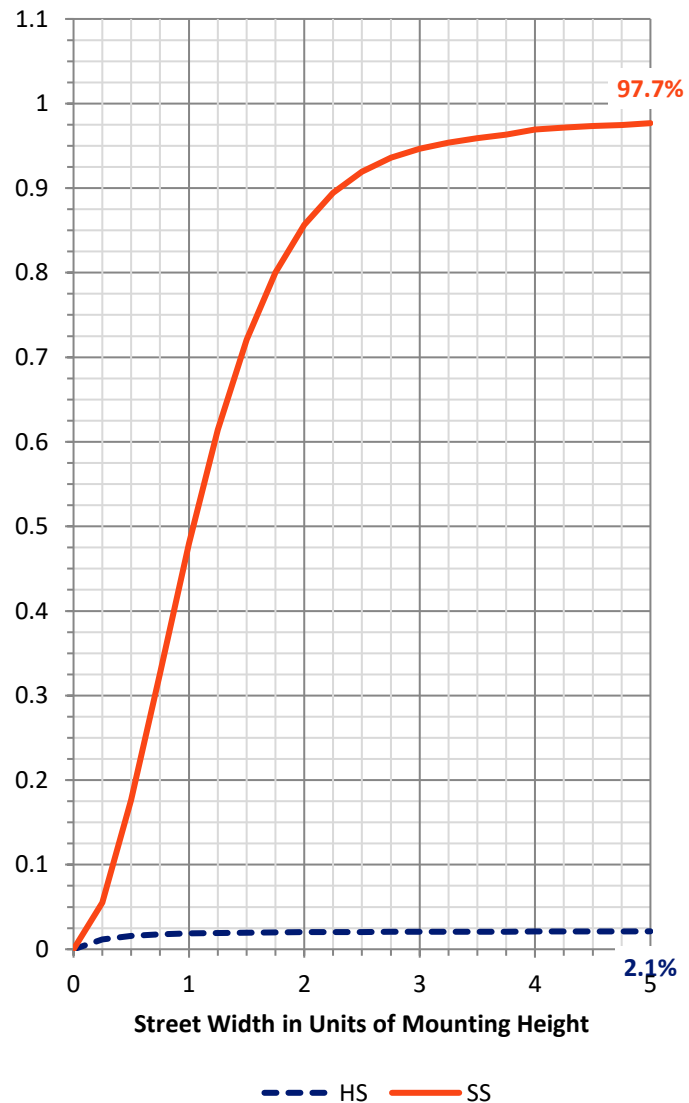
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 123.0 | 0.0 | 123.0 |
| | % Fixture | 2.2 | 0.0 | 2.2 |
| Street Side | Lumens | 5554.6 | 0.0 | 5554.6 |
| | % Fixture | 97.8 | 0.0 | 97.8 |
| Total | Lumens | 5677.6 | 0.0 | 5677.6 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 19.2 | 0.3 |
| 10°-20° | 81.3 | 1.4 |
| 20°-30° | 175.4 | 3.1 |
| 30°-40° | 374.7 | 6.6 |
| 40°-50° | 828.6 | 14.6 |
| 50°-60° | 1404.2 | 24.7 |
| 60°-70° | 1873.8 | 33.0 |
| 70°-80° | 825.4 | 14.5 |
| 80°-90° | 95.1 | 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° | 5677.6 | 100.0 |
| 0°-180° | 5677.6 | 100.0 |



REPORT NUMBER: P163735

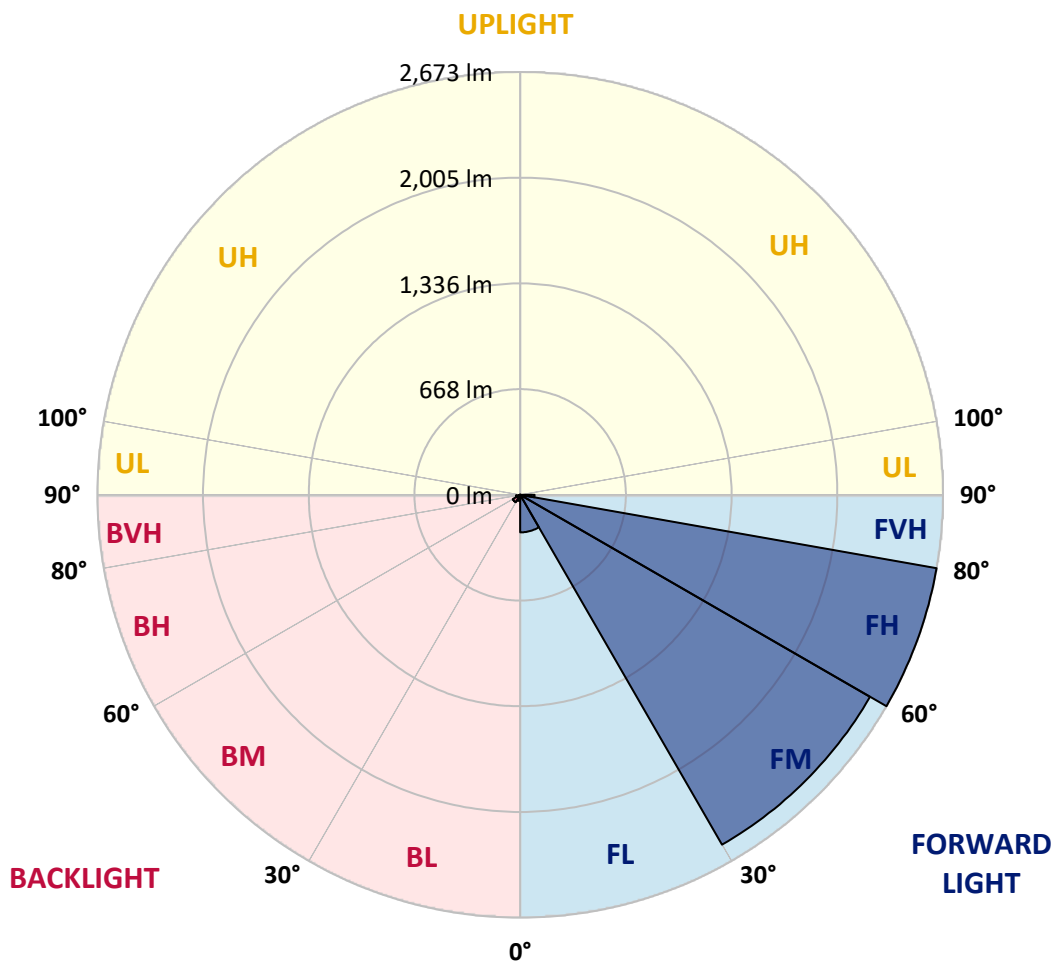
CATALOG NUMBER: OVH-E04-LED-E-U-SL3-HSS-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 237.2 | 4.2 | | | |
| FM | (30°-60°) | 2553.4 | 45.0 | | | |
| FH | (60°-80°) | 2672.8 | 47.1 | | | G2/5000 |
| FVH | (80°-90°) | 91.3 | 1.6 | | | G1/100 |
| BL | (0°-30°) | 38.8 | 0.7 | B0/110 | | |
| BM | (30°-60°) | 54.0 | 1.0 | B0/220 | | |
| BH | (60°-80°) | 26.4 | 0.5 | B0/110 | | G0/110 |
| BVH | (80°-90°) | 3.8 | 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-G2

Type III Short





REPORT NUMBER: P163735

CATALOG NUMBER: OVH-E04-LED-E-U-SL3-HSS-8030

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 66° | 67° | 68° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 171.4 | 171.4 | 171.4 | 171.4 | 171.4 | 171.4 | 171.4 | 171.4 | 171.4 | 171.4 | 171.4 |
| 2.5° | 216.1 | 215.0 | 210.7 | 210.7 | 204.1 | 199.7 | 194.3 | 188.9 | 188.9 | 187.8 | 186.6 |
| 5° | 286.0 | 279.5 | 278.3 | 266.4 | 256.5 | 242.3 | 229.2 | 211.7 | 209.6 | 207.4 | 206.3 |
| 7.5° | 363.5 | 362.4 | 352.6 | 338.4 | 318.8 | 292.6 | 266.4 | 237.9 | 233.6 | 231.4 | 227.1 |
| 10° | 463.9 | 458.5 | 445.4 | 421.3 | 391.9 | 356.9 | 314.4 | 269.6 | 264.1 | 259.8 | 257.6 |
| 12.5° | 559.9 | 550.1 | 542.5 | 511.9 | 474.8 | 423.5 | 372.2 | 307.8 | 303.4 | 298.0 | 289.3 |
| 15° | 649.5 | 640.8 | 627.7 | 601.5 | 559.9 | 495.6 | 435.5 | 356.9 | 346.0 | 338.4 | 331.9 |
| 17.5° | 719.4 | 713.9 | 698.6 | 669.1 | 624.4 | 567.6 | 495.6 | 407.1 | 398.4 | 388.6 | 376.6 |
| 20° | 785.9 | 778.3 | 754.3 | 713.9 | 665.9 | 622.2 | 566.5 | 472.6 | 460.6 | 448.6 | 435.5 |
| 22.5° | 849.3 | 841.6 | 802.3 | 735.7 | 684.4 | 665.9 | 646.2 | 546.8 | 528.3 | 518.5 | 505.4 |
| 25° | 937.6 | 921.3 | 860.1 | 754.3 | 685.5 | 699.7 | 733.5 | 642.9 | 625.4 | 611.3 | 590.5 |
| 27.5° | 1056.6 | 1034.8 | 938.7 | 781.5 | 689.8 | 736.8 | 833.9 | 759.7 | 741.2 | 724.8 | 701.9 |
| 30° | 1190.9 | 1176.7 | 1062.1 | 847.0 | 721.5 | 791.4 | 946.4 | 908.2 | 886.3 | 866.7 | 839.4 |
| 32.5° | 1326.2 | 1306.6 | 1193.1 | 971.5 | 806.7 | 897.3 | 1087.2 | 1080.6 | 1052.3 | 1033.7 | 1004.2 |
| 35° | 1445.2 | 1435.4 | 1351.3 | 1175.6 | 1001.0 | 1082.8 | 1274.9 | 1282.6 | 1257.5 | 1237.8 | 1205.1 |
| 37.5° | 1526.0 | 1526.0 | 1509.6 | 1395.0 | 1309.9 | 1371.0 | 1551.1 | 1552.2 | 1527.1 | 1482.3 | 1466.0 |
| 40° | 1567.5 | 1579.5 | 1638.4 | 1660.2 | 1655.9 | 1734.5 | 1913.5 | 1893.8 | 1873.1 | 1850.2 | 1795.6 |
| 42.5° | 1652.6 | 1663.5 | 1789.1 | 1939.7 | 2037.9 | 2141.6 | 2264.9 | 2258.4 | 2233.3 | 2191.8 | 2141.6 |
| 45° | 1796.7 | 1810.9 | 1960.4 | 2199.4 | 2401.4 | 2548.8 | 2627.4 | 2596.8 | 2571.7 | 2532.4 | 2506.2 |
| 47.5° | 1980.1 | 2007.3 | 2176.6 | 2472.4 | 2715.8 | 2959.2 | 3041.1 | 2960.3 | 2938.4 | 2907.9 | 2865.3 |
| 50° | 2175.5 | 2201.7 | 2381.7 | 2720.1 | 2995.2 | 3285.6 | 3422.0 | 3285.6 | 3253.9 | 3244.1 | 3196.1 |
| 52.5° | 2344.7 | 2366.5 | 2540.0 | 2911.2 | 3209.2 | 3549.7 | 3748.4 | 3568.3 | 3545.4 | 3512.6 | 3477.6 |
| 55° | 2445.1 | 2462.6 | 2625.1 | 3002.9 | 3354.4 | 3787.7 | 4063.9 | 3905.6 | 3871.8 | 3858.7 | 3808.4 |
| 57.5° | 2478.9 | 2496.4 | 2642.6 | 3014.9 | 3432.9 | 4004.9 | 4447.0 | 4452.4 | 4412.0 | 4365.1 | 4349.9 |
| 60° | 2478.9 | 2498.6 | 2621.9 | 2985.4 | 3509.3 | 4236.3 | 4957.8 | 5413.0 | 5325.7 | 5316.9 | 5261.3 |
| 62.5° | 2376.3 | 2394.8 | 2519.3 | 2894.8 | 3611.9 | 4548.5 | 5669.5 | 6472.9 | 6447.8 | 6391.0 | 6299.3 |
| 65° | 2153.7 | 2164.5 | 2286.8 | 2663.4 | 3572.6 | 4835.6 | 6286.2 | 7178.0 | 7137.7 | 7026.3 | 6908.4 |
| 66° | 2053.2 | 2062.0 | 2176.6 | 2531.3 | 3443.8 | 4874.9 | 6395.4 | 7266.4 | 7199.9 | 7106.0 | 6972.9 |
| 67.5° | 1908.0 | 1923.3 | 2004.1 | 2285.7 | 3134.9 | 4738.4 | 6326.6 | 7204.2 | 7146.4 | 7032.9 | 6899.7 |
| 70° | 1273.8 | 1262.9 | 1547.8 | 1754.2 | 2388.3 | 3860.8 | 5676.1 | 6468.5 | 6469.6 | 6416.2 | 6362.7 |
| 72.5° | 604.7 | 611.3 | 694.2 | 1079.6 | 1563.1 | 2579.3 | 4517.9 | 5163.1 | 5237.3 | 5141.2 | 5074.6 |
| 75° | 434.4 | 444.3 | 494.4 | 660.4 | 932.2 | 1547.8 | 2928.6 | 3610.9 | 3613.0 | 3442.7 | 3291.0 |
| 77.5° | 126.6 | 132.1 | 185.5 | 407.1 | 698.6 | 1044.6 | 1682.1 | 2007.3 | 1960.4 | 1838.1 | 1723.6 |
| 80° | 52.4 | 52.4 | 54.6 | 129.9 | 280.5 | 709.5 | 1176.7 | 1545.7 | 1540.2 | 1493.3 | 1425.5 |
| 82.5° | 19.6 | 20.7 | 26.2 | 53.5 | 66.6 | 174.7 | 784.8 | 1341.5 | 1338.2 | 1271.7 | 1223.7 |
| 85° | 2.2 | 2.2 | 6.5 | 22.9 | 25.1 | 32.7 | 157.2 | 591.6 | 588.4 | 591.6 | 518.5 |
| 87.5° | 0.0 | 0.0 | 1.1 | 2.2 | 3.2 | 4.4 | 6.5 | 22.9 | 25.1 | 24.0 | 21.8 |
| 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: P163735

CATALOG NUMBER: OVH-E04-LED-E-U-SL3-HSS-8030

CANDELA DISTRIBUTION (continued):

| | 69° | 70° | 71° | 72° | 73° | 74° | 75° | 76° | 77° | 78° | 79° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 171.4 | 171.4 | 171.4 | 171.4 | 171.4 | 171.4 | 171.4 | 171.4 | 171.4 | 171.4 | 171.4 |
| 2.5° | 186.6 | 184.5 | 184.5 | 183.4 | 183.4 | 183.4 | 182.3 | 181.2 | 181.2 | 180.1 | 179.0 |
| 5° | 204.1 | 202.0 | 200.9 | 198.6 | 197.6 | 196.5 | 194.3 | 193.2 | 191.0 | 189.9 | 188.9 |
| 7.5° | 224.8 | 220.5 | 219.4 | 216.1 | 212.8 | 210.7 | 208.5 | 205.2 | 203.0 | 198.6 | 197.6 |
| 10° | 251.0 | 245.6 | 241.2 | 236.9 | 233.6 | 228.1 | 224.8 | 220.5 | 216.1 | 212.8 | 209.6 |
| 12.5° | 284.9 | 277.2 | 270.7 | 266.4 | 258.7 | 252.1 | 245.6 | 242.3 | 233.6 | 229.2 | 223.8 |
| 15° | 322.0 | 313.3 | 305.7 | 296.9 | 291.4 | 280.5 | 271.8 | 262.0 | 257.6 | 250.0 | 241.2 |
| 17.5° | 370.0 | 355.8 | 343.8 | 335.1 | 324.2 | 313.3 | 303.4 | 293.6 | 280.5 | 271.8 | 260.9 |
| 20° | 421.3 | 409.3 | 393.0 | 377.7 | 364.6 | 351.5 | 337.3 | 324.2 | 312.2 | 298.0 | 284.9 |
| 22.5° | 486.8 | 469.4 | 449.7 | 434.4 | 417.0 | 402.8 | 383.1 | 365.7 | 346.0 | 327.5 | 312.2 |
| 25° | 569.8 | 546.8 | 528.3 | 506.5 | 485.7 | 463.9 | 439.9 | 418.1 | 393.0 | 375.5 | 349.3 |
| 27.5° | 672.4 | 650.5 | 625.4 | 597.1 | 576.3 | 543.6 | 511.9 | 484.7 | 455.1 | 427.9 | 398.4 |
| 30° | 803.4 | 771.7 | 745.5 | 718.3 | 676.7 | 645.1 | 608.0 | 570.9 | 530.5 | 503.2 | 458.5 |
| 32.5° | 960.6 | 926.7 | 887.4 | 848.1 | 810.0 | 765.2 | 719.4 | 673.5 | 628.7 | 578.5 | 532.7 |
| 35° | 1152.7 | 1112.3 | 1067.5 | 1024.9 | 966.0 | 918.0 | 860.1 | 796.9 | 746.6 | 688.8 | 630.9 |
| 37.5° | 1407.0 | 1340.4 | 1301.1 | 1256.4 | 1176.7 | 1111.2 | 1046.8 | 983.5 | 895.1 | 833.9 | 752.1 |
| 40° | 1725.7 | 1686.4 | 1622.0 | 1550.0 | 1477.9 | 1391.7 | 1304.4 | 1220.3 | 1117.7 | 1032.6 | 937.6 |
| 42.5° | 2100.1 | 2042.3 | 1976.8 | 1873.1 | 1800.0 | 1698.4 | 1599.1 | 1487.8 | 1362.3 | 1253.1 | 1141.8 |
| 45° | 2451.6 | 2382.8 | 2332.7 | 2228.9 | 2152.5 | 2032.5 | 1912.4 | 1794.5 | 1649.4 | 1508.5 | 1379.7 |
| 47.5° | 2831.5 | 2774.7 | 2691.8 | 2607.7 | 2530.2 | 2394.8 | 2264.9 | 2122.0 | 1969.1 | 1802.2 | 1635.1 |
| 50° | 3165.5 | 3120.7 | 3064.0 | 2962.5 | 2876.3 | 2762.7 | 2609.9 | 2453.8 | 2260.6 | 2094.7 | 1904.8 |
| 52.5° | 3449.3 | 3414.4 | 3334.7 | 3262.7 | 3185.2 | 3078.2 | 2941.7 | 2792.2 | 2583.7 | 2401.4 | 2185.3 |
| 55° | 3784.4 | 3759.3 | 3689.5 | 3644.7 | 3575.9 | 3473.3 | 3345.6 | 3207.0 | 2986.5 | 2787.8 | 2543.3 |
| 57.5° | 4333.5 | 4313.8 | 4252.7 | 4234.1 | 4166.5 | 4076.9 | 3919.8 | 3771.3 | 3513.7 | 3267.0 | 2987.6 |
| 60° | 5242.7 | 5203.4 | 5113.9 | 5068.1 | 4925.1 | 4805.0 | 4600.9 | 4396.8 | 4085.7 | 3771.3 | 3435.1 |
| 62.5° | 6216.4 | 6106.1 | 5935.8 | 5789.6 | 5586.5 | 5378.0 | 5105.2 | 4793.0 | 4428.4 | 4055.1 | 3668.7 |
| 65° | 6741.4 | 6553.7 | 6338.6 | 6106.1 | 5843.1 | 5536.3 | 5192.5 | 4818.1 | 4426.2 | 4032.2 | 3624.0 |
| 66° | 6801.4 | 6589.7 | 6361.5 | 6102.9 | 5810.3 | 5483.9 | 5134.6 | 4741.7 | 4334.5 | 3950.4 | 3542.1 |
| 67.5° | 6726.1 | 6504.5 | 6263.3 | 5976.3 | 5659.7 | 5321.3 | 4954.6 | 4546.3 | 4154.5 | 3764.7 | 3367.5 |
| 70° | 6198.9 | 5978.4 | 5763.4 | 5461.0 | 5123.8 | 4783.2 | 4436.1 | 3979.8 | 3608.6 | 3250.6 | 2897.0 |
| 72.5° | 4950.2 | 4800.6 | 4587.8 | 4329.1 | 4000.5 | 3601.0 | 3311.8 | 2903.5 | 2581.5 | 2234.4 | 1960.4 |
| 75° | 3093.5 | 2882.8 | 2619.7 | 2290.1 | 2039.0 | 1714.9 | 1545.7 | 1235.6 | 1052.3 | 891.8 | 736.8 |
| 77.5° | 1581.6 | 1423.4 | 1238.9 | 1053.4 | 875.5 | 698.6 | 540.3 | 382.0 | 257.6 | 179.0 | 133.1 |
| 80° | 1306.6 | 1166.9 | 1014.1 | 844.9 | 687.7 | 533.7 | 384.3 | 262.0 | 167.0 | 109.2 | 85.1 |
| 82.5° | 1079.6 | 961.7 | 825.2 | 668.0 | 531.6 | 419.2 | 291.4 | 189.9 | 117.9 | 76.4 | 60.0 |
| 85° | 459.5 | 417.0 | 322.0 | 255.4 | 192.1 | 141.9 | 99.3 | 66.6 | 46.9 | 38.2 | 34.9 |
| 87.5° | 19.6 | 21.8 | 20.7 | 16.3 | 12.0 | 12.0 | 10.9 | 8.7 | 8.7 | 8.7 | 8.7 |
| 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: P163735

CATALOG NUMBER: OVH-E04-LED-E-U-SL3-HSS-8030

CANDELA DISTRIBUTION (continued):

| | 80° | 81° | 82° | 83° | 84° | 85° | 95° | 105° | 115° | 125° | 135° |
|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 0° | 171.4 | 171.4 | 171.4 | 171.4 | 171.4 | 171.4 | 171.4 | 171.4 | 171.4 | 171.4 | 171.4 |
| 2.5° | 179.0 | 177.9 | 176.8 | 176.8 | 175.8 | 174.7 | 168.1 | 162.7 | 156.1 | 151.7 | 147.3 |
| 5° | 186.6 | 185.5 | 183.4 | 182.3 | 180.1 | 179.0 | 164.8 | 152.8 | 143.0 | 135.4 | 129.9 |
| 7.5° | 194.3 | 193.2 | 189.9 | 186.6 | 185.5 | 183.4 | 160.4 | 145.2 | 132.1 | 123.4 | 117.9 |
| 10° | 204.1 | 200.9 | 197.6 | 193.2 | 189.9 | 186.6 | 156.1 | 136.5 | 122.3 | 114.6 | 109.2 |
| 12.5° | 218.3 | 212.8 | 207.4 | 202.0 | 197.6 | 192.1 | 153.9 | 128.8 | 114.6 | 105.9 | 100.4 |
| 15° | 234.7 | 227.1 | 220.5 | 214.0 | 206.3 | 200.9 | 149.6 | 122.3 | 108.0 | 99.3 | 92.8 |
| 17.5° | 250.0 | 241.2 | 231.4 | 221.6 | 214.0 | 206.3 | 145.2 | 115.7 | 101.5 | 92.8 | 86.2 |
| 20° | 271.8 | 258.7 | 246.7 | 234.7 | 223.8 | 214.0 | 138.6 | 109.2 | 96.1 | 86.2 | 79.7 |
| 22.5° | 295.8 | 280.5 | 265.2 | 248.9 | 234.7 | 221.6 | 133.1 | 103.7 | 90.6 | 80.8 | 73.1 |
| 25° | 326.4 | 307.8 | 287.1 | 266.4 | 250.0 | 232.5 | 127.7 | 98.2 | 85.1 | 75.3 | 67.7 |
| 27.5° | 368.9 | 342.7 | 319.8 | 293.6 | 268.5 | 248.9 | 123.4 | 93.9 | 79.7 | 69.9 | 62.2 |
| 30° | 426.8 | 388.6 | 352.6 | 324.2 | 294.7 | 266.4 | 119.0 | 88.4 | 75.3 | 64.4 | 55.6 |
| 32.5° | 491.2 | 446.4 | 405.0 | 362.4 | 325.3 | 292.6 | 114.6 | 84.1 | 69.9 | 58.9 | 51.3 |
| 35° | 570.9 | 514.1 | 458.5 | 409.3 | 364.6 | 320.9 | 110.3 | 79.7 | 65.5 | 53.5 | 45.8 |
| 37.5° | 685.5 | 614.6 | 541.4 | 478.1 | 420.2 | 362.4 | 107.0 | 75.3 | 60.0 | 48.0 | 40.4 |
| 40° | 842.7 | 751.0 | 661.5 | 575.3 | 499.9 | 427.9 | 102.6 | 71.0 | 55.6 | 43.7 | 36.0 |
| 42.5° | 1013.0 | 901.7 | 783.8 | 686.6 | 582.9 | 492.3 | 98.2 | 66.6 | 51.3 | 39.3 | 31.7 |
| 45° | 1224.7 | 1086.1 | 943.1 | 811.0 | 684.4 | 567.6 | 93.9 | 62.2 | 45.8 | 34.9 | 27.3 |
| 47.5° | 1456.1 | 1279.3 | 1117.7 | 951.8 | 801.2 | 661.5 | 88.4 | 58.9 | 41.5 | 30.6 | 24.0 |
| 50° | 1694.1 | 1507.4 | 1303.3 | 1114.5 | 935.5 | 755.3 | 83.0 | 53.5 | 37.1 | 27.3 | 19.6 |
| 52.5° | 1950.6 | 1730.1 | 1521.6 | 1286.9 | 1078.5 | 878.7 | 77.5 | 49.1 | 33.8 | 24.0 | 16.3 |
| 55° | 2277.0 | 2030.3 | 1785.7 | 1522.7 | 1271.7 | 1021.7 | 72.0 | 43.7 | 29.4 | 20.7 | 13.1 |
| 57.5° | 2687.4 | 2394.8 | 2094.7 | 1797.8 | 1493.3 | 1209.4 | 67.7 | 38.2 | 25.1 | 17.5 | 10.9 |
| 60° | 3074.9 | 2733.2 | 2369.7 | 2028.1 | 1684.3 | 1353.5 | 61.1 | 33.8 | 21.8 | 14.2 | 10.9 |
| 62.5° | 3275.8 | 2886.0 | 2494.2 | 2117.6 | 1750.8 | 1404.8 | 54.6 | 28.4 | 18.6 | 12.0 | 9.8 |
| 65° | 3226.6 | 2829.3 | 2449.5 | 2069.6 | 1710.5 | 1372.1 | 48.0 | 25.1 | 16.3 | 10.9 | 9.8 |
| 66° | 3155.6 | 2762.7 | 2380.7 | 2019.4 | 1676.6 | 1337.2 | 44.8 | 24.0 | 15.3 | 10.9 | 8.7 |
| 67.5° | 3000.7 | 2620.8 | 2256.2 | 1920.0 | 1583.9 | 1270.6 | 40.4 | 21.8 | 14.2 | 9.8 | 8.7 |
| 70° | 2563.0 | 2218.0 | 1926.6 | 1627.5 | 1353.5 | 1070.8 | 32.7 | 18.6 | 12.0 | 8.7 | 8.7 |
| 72.5° | 1696.3 | 1461.6 | 1267.3 | 1090.4 | 911.4 | 707.3 | 27.3 | 15.3 | 9.8 | 8.7 | 7.6 |
| 75° | 639.7 | 578.5 | 496.7 | 446.4 | 389.7 | 341.6 | 21.8 | 9.8 | 7.6 | 7.6 | 7.6 |
| 77.5° | 113.5 | 104.8 | 92.8 | 85.1 | 78.6 | 72.0 | 17.5 | 6.5 | 6.5 | 7.6 | 7.6 |
| 80° | 76.4 | 71.0 | 64.4 | 58.9 | 54.6 | 49.1 | 12.0 | 5.5 | 6.5 | 6.5 | 7.6 |
| 82.5° | 54.6 | 51.3 | 48.0 | 43.7 | 40.4 | 36.0 | 7.6 | 5.5 | 6.5 | 6.5 | 6.5 |
| 85° | 32.7 | 30.6 | 28.4 | 26.2 | 22.9 | 21.8 | 5.5 | 5.5 | 5.5 | 6.5 | 6.5 |
| 87.5° | 8.7 | 7.6 | 8.7 | 8.7 | 6.5 | 7.6 | 4.4 | 4.4 | 4.4 | 5.5 | 5.5 |
| 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: P163735

CATALOG NUMBER: OVH-E04-LED-E-U-SL3-HSS-8030

CANDELA DISTRIBUTION (continued):

| | 145° | 155° | 165° | 175° | 180° |
|-------|-------|-------|-------|-------|-------|
| 0° | 171.4 | 171.4 | 171.4 | 171.4 | 171.4 |
| 2.5° | 145.2 | 145.2 | 143.0 | 146.2 | 146.2 |
| 5° | 125.5 | 125.5 | 124.4 | 125.5 | 125.5 |
| 7.5° | 114.6 | 113.5 | 113.5 | 113.5 | 114.6 |
| 10° | 104.8 | 103.7 | 103.7 | 103.7 | 103.7 |
| 12.5° | 96.1 | 94.9 | 93.9 | 94.9 | 94.9 |
| 15° | 88.4 | 86.2 | 86.2 | 86.2 | 86.2 |
| 17.5° | 81.8 | 79.7 | 78.6 | 78.6 | 78.6 |
| 20° | 75.3 | 72.0 | 72.0 | 72.0 | 72.0 |
| 22.5° | 68.7 | 65.5 | 65.5 | 65.5 | 65.5 |
| 25° | 62.2 | 58.9 | 58.9 | 58.9 | 58.9 |
| 27.5° | 56.8 | 53.5 | 53.5 | 53.5 | 53.5 |
| 30° | 50.2 | 48.0 | 48.0 | 49.1 | 48.0 |
| 32.5° | 45.8 | 42.5 | 42.5 | 43.7 | 43.7 |
| 35° | 40.4 | 38.2 | 38.2 | 38.2 | 38.2 |
| 37.5° | 34.9 | 32.7 | 32.7 | 32.7 | 32.7 |
| 40° | 30.6 | 28.4 | 27.3 | 28.4 | 28.4 |
| 42.5° | 26.2 | 24.0 | 22.9 | 22.9 | 22.9 |
| 45° | 22.9 | 19.6 | 18.6 | 19.6 | 19.6 |
| 47.5° | 18.6 | 16.3 | 16.3 | 17.5 | 17.5 |
| 50° | 14.2 | 14.2 | 15.3 | 17.5 | 17.5 |
| 52.5° | 13.1 | 13.1 | 15.3 | 17.5 | 17.5 |
| 55° | 12.0 | 13.1 | 15.3 | 16.3 | 17.5 |
| 57.5° | 10.9 | 13.1 | 15.3 | 16.3 | 16.3 |
| 60° | 10.9 | 12.0 | 14.2 | 16.3 | 16.3 |
| 62.5° | 9.8 | 10.9 | 13.1 | 15.3 | 15.3 |
| 65° | 9.8 | 10.9 | 13.1 | 15.3 | 15.3 |
| 66° | 9.8 | 10.9 | 13.1 | 15.3 | 15.3 |
| 67.5° | 9.8 | 10.9 | 13.1 | 15.3 | 15.3 |
| 70° | 9.8 | 10.9 | 13.1 | 14.2 | 14.2 |
| 72.5° | 8.7 | 9.8 | 12.0 | 14.2 | 14.2 |
| 75° | 8.7 | 9.8 | 12.0 | 14.2 | 14.2 |
| 77.5° | 8.7 | 9.8 | 12.0 | 14.2 | 14.2 |
| 80° | 8.7 | 9.8 | 12.0 | 13.1 | 14.2 |
| 82.5° | 7.6 | 9.8 | 10.9 | 13.1 | 13.1 |
| 85° | 7.6 | 8.7 | 10.9 | 12.0 | 13.1 |
| 87.5° | 6.5 | 7.6 | 8.7 | 10.9 | 10.9 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)