

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: P146778

Luminaire Tested: **OVH-E03-LED-E-U-T3-8030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P146778
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33695)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: OVH-E03-LED-E-U-T3-8030
Description: OVH LED ROADWAY SMALL CUTOFF COBRAHEAD LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 AREA
Light Source: (63) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7560 lumens
Efficiency: N/A
Efficacy: 100.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type III - Short - Semi-Cutoff
BUG Rating: B2 - U0 - G2

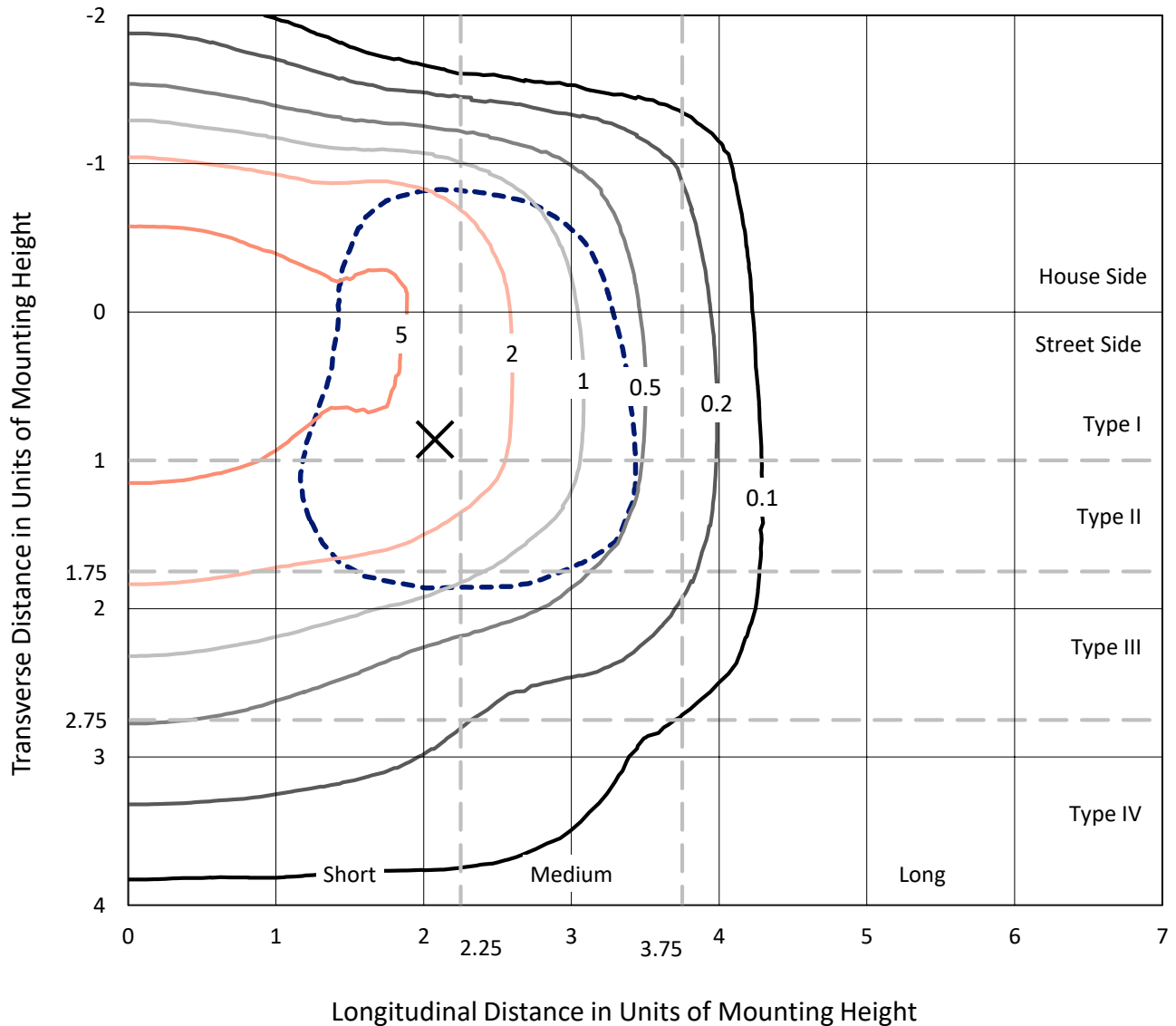
Input Watts (W): 75.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

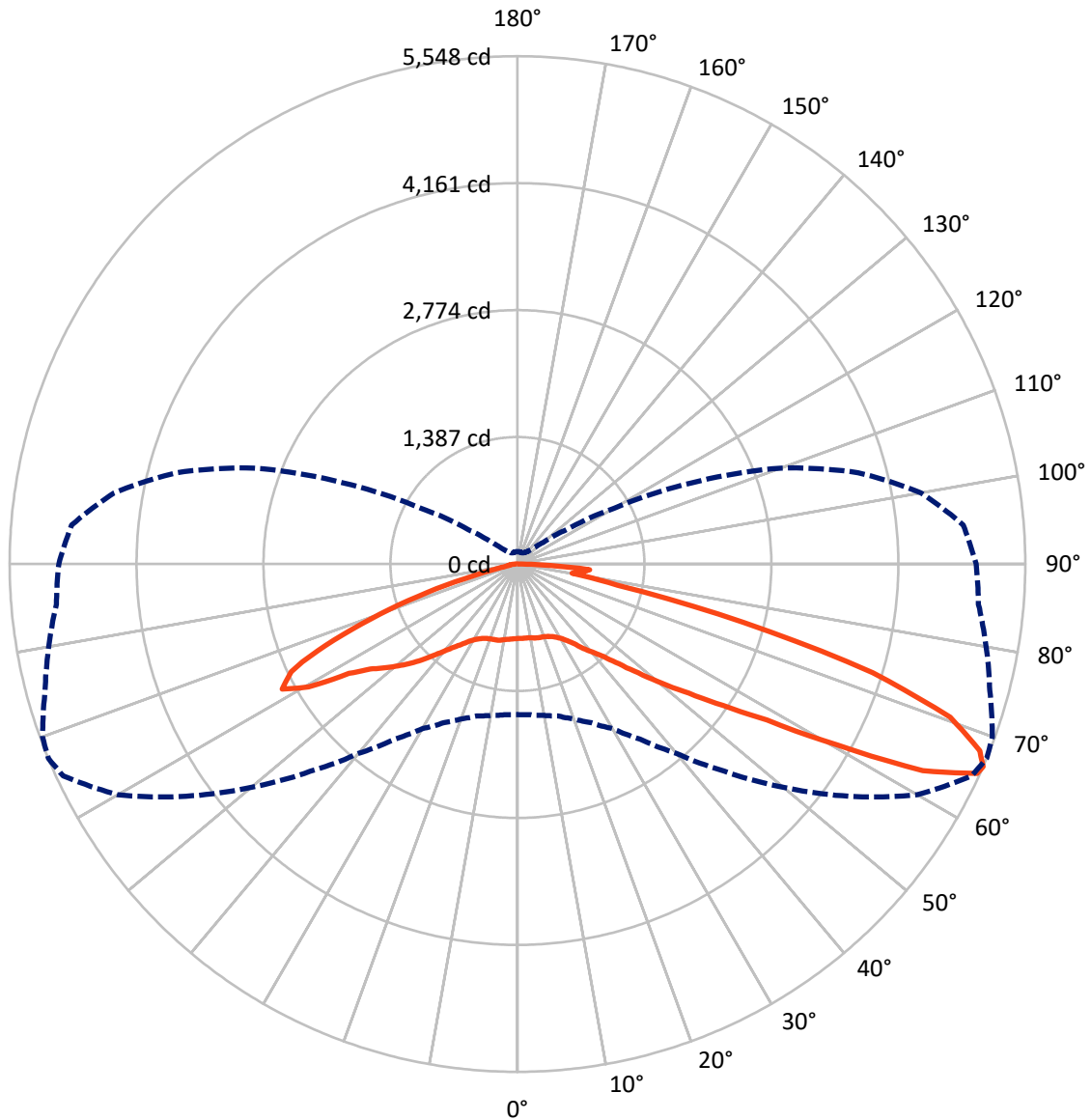


Based on 10 foot mounting height. Maximum calculated value = 8.1 fc
 Type III - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 67.5-Deg Lateral - - - Horizontal Cone Through 66-Deg Vertical



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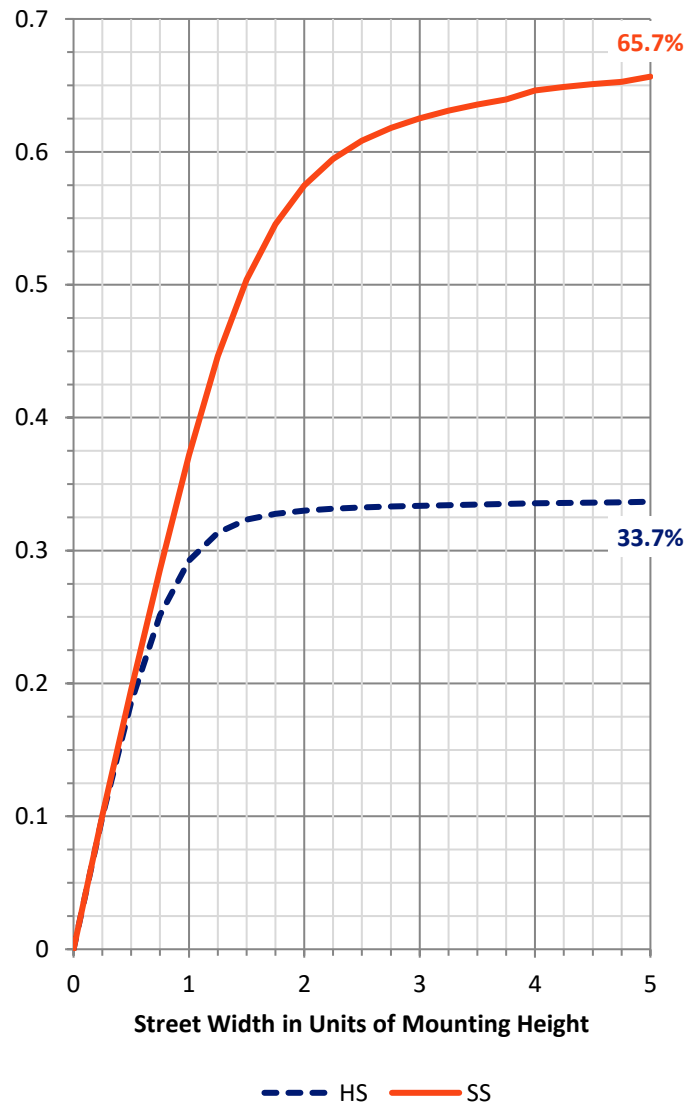
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 2568.4 | 0.0 | 2568.4 |
| | % Fixture | 34.0 | 0.0 | 34.0 |
| Street Side | Lumens | 4991.6 | 0.0 | 4991.6 |
| | % Fixture | 66.0 | 0.0 | 66.0 |
| Total | Lumens | 7560.0 | 0.0 | 7560.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 78.2 | 1.0 |
| 10°-20° | 231.6 | 3.1 |
| 20°-30° | 398.2 | 5.3 |
| 30°-40° | 640.5 | 8.5 |
| 40°-50° | 1055.6 | 14.0 |
| 50°-60° | 1654.7 | 21.9 |
| 60°-70° | 2290.0 | 30.3 |
| 70°-80° | 1036.3 | 13.7 |
| 80°-90° | 174.8 | 2.3 |
| 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° | 7560.0 | 100.0 |
| 0°-180° | 7560.0 | 100.0 |



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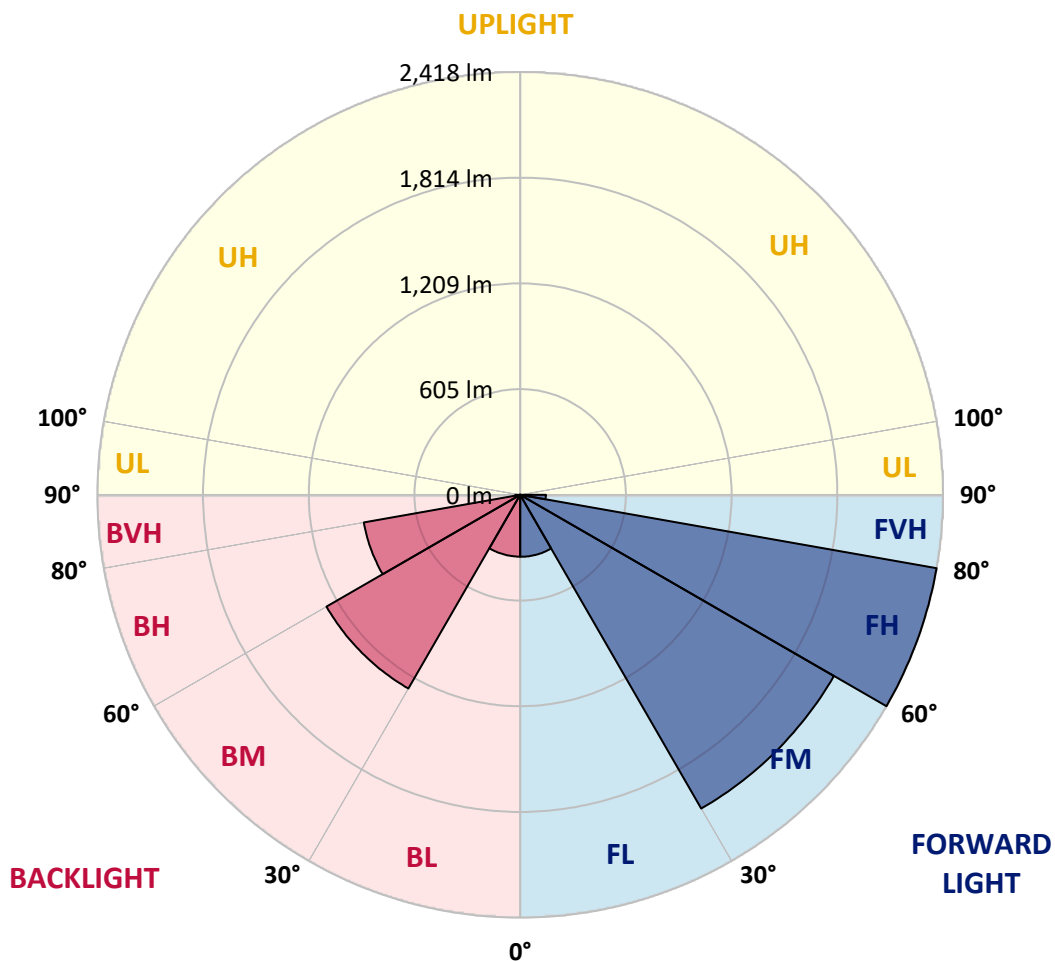
CATALOG NUMBER: OVH-E03-LED-E-U-T3-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 354.6 | 4.7 | | | |
| FM | (30°-60°) | 2071.7 | 27.4 | | | |
| FH | (60°-80°) | 2418.4 | 32.0 | | | G2/5000 |
| FVH | (80°-90°) | 146.9 | 1.9 | | | G2/225 |
| BL | (0°-30°) | 353.4 | 4.7 | B1/500 | | |
| BM | (30°-60°) | 1279.1 | 16.9 | B2/2500 | | |
| BH | (60°-80°) | 908.0 | 12.0 | B2/1000 | | G2/1000 |
| BVH | (80°-90°) | 27.9 | 0.4 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B2-U0-G2

Type III Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 813.8 | 813.8 | 813.8 | 813.8 | 813.8 | 813.8 | 813.8 | 813.8 | 813.8 | 813.8 | 813.8 |
| 2.5° | 812.8 | 812.3 | 811.8 | 811.8 | 811.2 | 811.8 | 812.3 | 812.8 | 812.3 | 812.8 | 812.3 |
| 5° | 811.2 | 811.2 | 810.7 | 810.7 | 810.7 | 810.7 | 811.2 | 811.8 | 811.2 | 812.3 | 811.2 |
| 7.5° | 804.7 | 807.7 | 806.7 | 807.7 | 808.7 | 809.7 | 810.2 | 811.2 | 812.8 | 813.8 | 812.8 |
| 10° | 796.1 | 797.6 | 798.1 | 799.1 | 801.1 | 803.6 | 805.7 | 808.2 | 811.8 | 812.8 | 813.8 |
| 12.5° | 780.4 | 782.4 | 783.9 | 785.9 | 789.0 | 793.0 | 796.6 | 800.6 | 806.7 | 810.7 | 814.3 |
| 15° | 768.7 | 771.2 | 771.7 | 774.3 | 777.3 | 781.9 | 786.4 | 792.5 | 800.6 | 807.7 | 814.8 |
| 17.5° | 776.3 | 777.3 | 776.3 | 776.3 | 777.3 | 779.3 | 782.9 | 787.9 | 796.6 | 805.2 | 813.8 |
| 20° | 799.1 | 799.1 | 798.1 | 797.6 | 796.6 | 794.5 | 794.0 | 793.5 | 799.1 | 805.7 | 813.3 |
| 22.5° | 820.9 | 820.9 | 820.4 | 822.4 | 821.9 | 821.9 | 820.4 | 817.8 | 815.3 | 814.3 | 819.3 |
| 25° | 834.5 | 836.6 | 837.6 | 840.6 | 842.6 | 845.7 | 846.7 | 846.2 | 842.6 | 836.6 | 835.0 |
| 27.5° | 856.8 | 858.3 | 859.4 | 862.9 | 866.9 | 870.5 | 874.0 | 878.6 | 878.6 | 873.0 | 865.4 |
| 30° | 899.9 | 897.8 | 898.9 | 899.9 | 903.4 | 908.5 | 913.0 | 919.1 | 922.1 | 920.1 | 910.0 |
| 32.5° | 939.9 | 941.9 | 942.9 | 945.9 | 949.5 | 957.1 | 962.7 | 969.7 | 976.3 | 977.3 | 972.3 |
| 35° | 998.6 | 997.6 | 996.1 | 1006.7 | 1010.8 | 1019.4 | 1026.0 | 1036.1 | 1041.1 | 1045.7 | 1042.7 |
| 37.5° | 1091.3 | 1088.2 | 1086.2 | 1089.3 | 1094.8 | 1100.4 | 1110.0 | 1117.6 | 1126.2 | 1136.9 | 1133.3 |
| 40° | 1222.4 | 1228.5 | 1219.9 | 1224.0 | 1228.5 | 1215.9 | 1224.5 | 1231.6 | 1246.2 | 1246.7 | 1246.2 |
| 42.5° | 1393.1 | 1397.6 | 1395.6 | 1398.2 | 1390.1 | 1386.0 | 1382.5 | 1386.0 | 1404.2 | 1401.7 | 1389.5 |
| 45° | 1563.7 | 1570.3 | 1568.8 | 1569.8 | 1585.5 | 1578.9 | 1584.5 | 1585.5 | 1604.3 | 1599.2 | 1590.1 |
| 47.5° | 1709.6 | 1720.7 | 1723.3 | 1732.4 | 1753.6 | 1770.9 | 1794.7 | 1812.4 | 1821.5 | 1827.6 | 1834.7 |
| 50° | 1825.0 | 1833.1 | 1847.3 | 1870.1 | 1901.0 | 1930.9 | 1984.6 | 2019.5 | 2051.4 | 2073.7 | 2096.5 |
| 52.5° | 1901.5 | 1910.6 | 1932.4 | 1966.8 | 2011.4 | 2066.1 | 2128.9 | 2201.8 | 2269.2 | 2308.7 | 2342.6 |
| 55° | 1932.9 | 1942.0 | 1968.9 | 2013.9 | 2073.2 | 2143.1 | 2233.2 | 2336.0 | 2425.6 | 2516.3 | 2568.4 |
| 57.5° | 1914.7 | 1924.8 | 1955.7 | 2006.3 | 2077.7 | 2169.4 | 2281.3 | 2407.4 | 2538.6 | 2675.8 | 2780.6 |
| 60° | 1861.0 | 1870.1 | 1905.1 | 1957.7 | 2039.3 | 2142.6 | 2276.7 | 2434.7 | 2619.1 | 2822.6 | 3021.7 |
| 62.5° | 1787.1 | 1800.7 | 1831.6 | 1885.3 | 1966.3 | 2079.3 | 2232.2 | 2437.8 | 2702.1 | 3030.3 | 3417.7 |
| 65° | 1692.9 | 1703.0 | 1730.4 | 1772.9 | 1862.0 | 1980.0 | 2141.5 | 2393.2 | 2738.6 | 3204.0 | 3756.9 |
| 66° | 1644.3 | 1653.9 | 1679.2 | 1719.2 | 1800.7 | 1914.2 | 2075.7 | 2333.5 | 2698.1 | 3202.9 | 3792.9 |
| 67.5° | 1558.7 | 1563.2 | 1581.5 | 1621.0 | 1674.1 | 1775.9 | 1925.8 | 2167.4 | 2526.4 | 3067.7 | 3692.6 |
| 70° | 1307.5 | 1314.1 | 1331.8 | 1352.1 | 1371.8 | 1408.3 | 1513.1 | 1672.6 | 1959.7 | 2478.8 | 3074.8 |
| 72.5° | 904.4 | 914.5 | 933.8 | 971.3 | 1002.2 | 1048.2 | 1089.3 | 1142.4 | 1237.6 | 1598.2 | 2199.8 |
| 75° | 653.8 | 657.3 | 685.7 | 751.5 | 813.8 | 905.9 | 987.5 | 1013.3 | 980.9 | 975.3 | 1292.3 |
| 77.5° | 389.9 | 395.0 | 436.0 | 502.3 | 567.2 | 692.2 | 859.4 | 988.5 | 1059.9 | 1034.6 | 978.4 |
| 80° | 164.1 | 171.2 | 195.5 | 212.7 | 266.4 | 371.2 | 536.3 | 738.8 | 927.2 | 1043.2 | 1016.8 |
| 82.5° | 52.7 | 61.3 | 72.4 | 87.6 | 103.3 | 138.2 | 214.2 | 320.5 | 506.4 | 755.0 | 928.2 |
| 85° | 19.2 | 19.7 | 27.3 | 38.0 | 42.0 | 48.6 | 62.3 | 96.2 | 171.2 | 283.1 | 526.7 |
| 87.5° | 7.6 | 9.1 | 10.6 | 14.7 | 15.2 | 15.7 | 17.7 | 22.8 | 22.3 | 19.2 | 99.8 |
| 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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CATALOG NUMBER: OVH-E03-LED-E-U-T3-8030

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° | 95° | 100° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 813.8 | 813.8 | 813.8 | 813.8 | 813.8 | 813.8 | 813.8 | 813.8 | 813.8 | 813.8 | 813.8 |
| 2.5° | 812.8 | 813.8 | 813.3 | 813.8 | 813.8 | 812.8 | 812.8 | 814.8 | 813.3 | 814.3 | 814.3 |
| 5° | 812.3 | 813.3 | 812.8 | 813.8 | 813.8 | 813.3 | 813.3 | 816.3 | 815.8 | 817.3 | 818.3 |
| 7.5° | 814.3 | 814.8 | 814.3 | 814.3 | 815.8 | 815.3 | 815.8 | 816.8 | 819.3 | 821.9 | 823.9 |
| 10° | 816.8 | 817.8 | 819.3 | 819.9 | 821.9 | 821.4 | 822.9 | 824.4 | 826.9 | 829.5 | 832.0 |
| 12.5° | 820.4 | 823.4 | 828.0 | 829.0 | 831.0 | 832.5 | 835.0 | 836.6 | 838.6 | 842.6 | 845.7 |
| 15° | 823.4 | 829.0 | 834.5 | 836.6 | 838.6 | 840.6 | 843.1 | 844.7 | 848.2 | 851.8 | 855.3 |
| 17.5° | 824.4 | 831.0 | 838.1 | 840.6 | 842.6 | 846.2 | 849.2 | 852.3 | 856.3 | 860.9 | 864.9 |
| 20° | 824.9 | 834.0 | 843.1 | 846.2 | 850.7 | 855.8 | 860.9 | 863.4 | 869.0 | 874.5 | 878.1 |
| 22.5° | 829.5 | 840.6 | 853.3 | 858.8 | 863.4 | 872.5 | 879.1 | 883.2 | 889.7 | 894.3 | 895.8 |
| 25° | 842.1 | 853.8 | 869.0 | 877.6 | 885.2 | 898.3 | 906.4 | 914.0 | 917.6 | 923.7 | 922.1 |
| 27.5° | 864.9 | 874.0 | 893.8 | 905.4 | 915.1 | 932.3 | 948.0 | 955.1 | 960.6 | 963.7 | 960.1 |
| 30° | 903.9 | 907.5 | 929.2 | 943.4 | 959.6 | 986.5 | 1003.7 | 1012.8 | 1019.9 | 1020.4 | 1011.3 |
| 32.5° | 962.1 | 956.6 | 975.8 | 996.1 | 1017.3 | 1049.8 | 1073.1 | 1082.7 | 1088.2 | 1088.7 | 1068.5 |
| 35° | 1041.1 | 1031.5 | 1047.7 | 1067.5 | 1093.8 | 1136.3 | 1165.7 | 1176.9 | 1185.5 | 1181.4 | 1151.5 |
| 37.5° | 1140.9 | 1140.4 | 1148.0 | 1173.3 | 1203.2 | 1257.9 | 1288.8 | 1294.9 | 1294.3 | 1282.2 | 1237.1 |
| 40° | 1251.8 | 1242.7 | 1243.7 | 1261.9 | 1296.4 | 1368.3 | 1411.3 | 1421.4 | 1417.9 | 1400.2 | 1341.4 |
| 42.5° | 1391.6 | 1387.5 | 1373.8 | 1383.5 | 1415.4 | 1503.0 | 1555.1 | 1565.3 | 1568.3 | 1538.9 | 1469.6 |
| 45° | 1587.5 | 1584.0 | 1553.6 | 1555.6 | 1578.9 | 1671.1 | 1725.3 | 1742.0 | 1742.5 | 1714.7 | 1624.5 |
| 47.5° | 1825.0 | 1822.0 | 1786.6 | 1776.4 | 1788.1 | 1870.1 | 1937.5 | 1941.0 | 1942.0 | 1903.5 | 1809.9 |
| 50° | 2094.4 | 2085.8 | 2059.0 | 2048.4 | 2034.7 | 2125.3 | 2179.5 | 2179.0 | 2173.4 | 2130.9 | 2025.6 |
| 52.5° | 2354.7 | 2374.0 | 2363.8 | 2343.1 | 2343.6 | 2408.9 | 2460.1 | 2431.7 | 2435.3 | 2394.7 | 2273.7 |
| 55° | 2632.7 | 2681.9 | 2718.8 | 2726.4 | 2722.9 | 2756.3 | 2784.7 | 2734.0 | 2715.3 | 2708.7 | 2580.1 |
| 57.5° | 2928.0 | 3053.6 | 3167.5 | 3215.1 | 3196.9 | 3258.1 | 3283.5 | 3230.8 | 3231.8 | 3283.5 | 3172.6 |
| 60° | 3322.5 | 3639.5 | 3926.6 | 4015.7 | 4057.2 | 4158.5 | 4113.4 | 4110.4 | 4189.9 | 4256.8 | 4051.2 |
| 62.5° | 3921.0 | 4446.1 | 4904.4 | 4970.8 | 5004.2 | 5027.0 | 5006.7 | 4951.5 | 5033.6 | 5041.7 | 4724.7 |
| 65° | 4374.7 | 4991.0 | 5434.1 | 5517.2 | 5511.1 | 5395.1 | 5282.7 | 5172.3 | 5171.3 | 5090.3 | 4682.1 |
| 66° | 4423.9 | 5042.7 | 5474.6 | 5548.1 | 5521.2 | 5342.5 | 5199.7 | 5056.3 | 5010.3 | 4888.7 | 4474.5 |
| 67.5° | 4316.5 | 4952.5 | 5381.5 | 5447.3 | 5390.1 | 5118.1 | 4923.7 | 4729.7 | 4660.3 | 4491.2 | 4068.9 |
| 70° | 3690.1 | 4345.4 | 4919.1 | 5014.3 | 4946.5 | 4585.4 | 4297.3 | 4084.1 | 3895.2 | 3728.6 | 3380.2 |
| 72.5° | 2861.1 | 3351.3 | 3958.5 | 4057.7 | 4063.3 | 3780.7 | 3456.1 | 3251.6 | 3031.8 | 2864.7 | 2603.4 |
| 75° | 1876.7 | 2247.4 | 2581.1 | 2547.7 | 2557.3 | 2335.0 | 2141.5 | 1971.4 | 1772.4 | 1640.7 | 1516.1 |
| 77.5° | 1096.9 | 1229.5 | 1199.1 | 1116.1 | 1046.2 | 822.4 | 588.4 | 404.1 | 352.5 | 367.6 | 414.7 |
| 80° | 953.5 | 879.1 | 688.2 | 605.1 | 550.5 | 373.7 | 201.0 | 141.8 | 124.6 | 126.1 | 133.7 |
| 82.5° | 1026.5 | 1064.9 | 874.0 | 719.6 | 627.4 | 440.1 | 236.5 | 118.0 | 85.1 | 99.3 | 109.4 |
| 85° | 796.6 | 1013.8 | 934.8 | 790.0 | 664.4 | 467.9 | 241.6 | 74.9 | 50.6 | 67.9 | 85.6 |
| 87.5° | 226.9 | 359.0 | 287.1 | 253.7 | 204.6 | 139.8 | 57.7 | 29.9 | 27.3 | 35.4 | 49.1 |
| 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):

| | 105° | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° |
|-------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| 0° | 813.8 | 813.8 | 813.8 | 813.8 | 813.8 | 813.8 | 813.8 | 813.8 | 813.8 | 813.8 | 813.8 |
| 2.5° | 814.8 | 814.8 | 816.3 | 816.8 | 817.3 | 817.3 | 818.3 | 818.3 | 818.8 | 820.9 | 820.4 |
| 5° | 819.9 | 821.4 | 823.4 | 824.4 | 825.9 | 826.4 | 828.0 | 828.0 | 829.5 | 831.0 | 830.5 |
| 7.5° | 825.9 | 827.4 | 829.0 | 830.5 | 832.0 | 834.0 | 833.5 | 833.0 | 832.5 | 831.5 | 830.5 |
| 10° | 834.5 | 836.1 | 837.6 | 837.1 | 836.1 | 835.0 | 831.0 | 826.4 | 824.4 | 820.4 | 817.3 |
| 12.5° | 848.7 | 850.2 | 848.7 | 844.7 | 839.1 | 832.5 | 823.9 | 816.3 | 811.8 | 805.7 | 802.1 |
| 15° | 859.4 | 860.9 | 857.8 | 850.7 | 841.6 | 833.0 | 821.4 | 811.8 | 803.6 | 797.1 | 792.0 |
| 17.5° | 867.5 | 866.4 | 859.9 | 851.8 | 842.1 | 835.0 | 824.4 | 813.8 | 804.2 | 795.0 | 787.9 |
| 20° | 879.1 | 873.5 | 863.9 | 853.8 | 844.2 | 838.1 | 829.5 | 819.9 | 809.7 | 796.6 | 787.4 |
| 22.5° | 894.3 | 884.2 | 871.5 | 861.4 | 852.3 | 846.2 | 837.6 | 828.5 | 818.8 | 803.6 | 791.0 |
| 25° | 916.1 | 899.9 | 885.2 | 874.5 | 866.4 | 860.4 | 849.7 | 840.1 | 829.5 | 814.3 | 798.1 |
| 27.5° | 946.5 | 923.2 | 908.0 | 897.3 | 889.2 | 882.1 | 868.5 | 856.8 | 843.1 | 828.0 | 808.7 |
| 30° | 986.0 | 957.6 | 940.9 | 931.8 | 923.2 | 913.0 | 898.3 | 881.1 | 863.4 | 843.1 | 822.4 |
| 32.5° | 1035.1 | 1003.2 | 987.5 | 978.4 | 967.2 | 953.5 | 934.3 | 911.5 | 885.2 | 858.3 | 832.5 |
| 35° | 1105.0 | 1068.5 | 1051.3 | 1035.6 | 1019.4 | 999.1 | 970.3 | 937.3 | 902.4 | 867.5 | 835.6 |
| 37.5° | 1174.3 | 1140.4 | 1119.1 | 1102.9 | 1077.6 | 1044.7 | 1004.7 | 959.1 | 912.5 | 868.0 | 829.5 |
| 40° | 1272.6 | 1233.1 | 1208.3 | 1179.4 | 1138.4 | 1087.2 | 1029.0 | 967.7 | 910.0 | 856.3 | 810.7 |
| 42.5° | 1393.1 | 1348.0 | 1311.1 | 1258.9 | 1195.1 | 1121.2 | 1040.6 | 962.7 | 892.3 | 830.5 | 780.4 |
| 45° | 1545.5 | 1486.8 | 1425.0 | 1343.0 | 1245.2 | 1141.9 | 1040.1 | 944.9 | 861.9 | 792.0 | 742.4 |
| 47.5° | 1723.3 | 1640.7 | 1536.9 | 1411.8 | 1278.1 | 1147.0 | 1023.9 | 913.0 | 816.3 | 739.3 | 682.1 |
| 50° | 1906.1 | 1786.6 | 1639.2 | 1465.0 | 1294.9 | 1134.3 | 988.0 | 860.9 | 756.6 | 668.9 | 607.2 |
| 52.5° | 2131.4 | 1946.1 | 1731.9 | 1501.0 | 1287.8 | 1096.9 | 928.2 | 787.4 | 676.0 | 590.5 | 519.6 |
| 55° | 2399.8 | 2129.4 | 1820.0 | 1520.7 | 1256.4 | 1029.5 | 837.6 | 691.2 | 574.3 | 496.3 | 432.5 |
| 57.5° | 2843.9 | 2416.5 | 1970.4 | 1550.1 | 1194.6 | 929.2 | 727.2 | 575.8 | 465.9 | 399.5 | 348.4 |
| 60° | 3609.6 | 3005.5 | 2288.4 | 1622.5 | 1109.0 | 786.4 | 586.9 | 451.2 | 360.6 | 307.4 | 271.4 |
| 62.5° | 4143.8 | 3362.5 | 2459.6 | 1597.7 | 963.7 | 619.3 | 434.0 | 322.6 | 262.8 | 227.9 | 203.6 |
| 65° | 4040.0 | 3221.7 | 2253.5 | 1357.1 | 755.0 | 438.0 | 288.6 | 218.3 | 184.3 | 162.6 | 150.4 |
| 66° | 3853.7 | 3066.2 | 2096.5 | 1218.4 | 654.8 | 365.1 | 238.0 | 180.8 | 158.5 | 142.8 | 134.7 |
| 67.5° | 3513.9 | 2744.2 | 1814.4 | 977.8 | 490.2 | 269.4 | 180.8 | 140.8 | 128.6 | 120.5 | 115.0 |
| 70° | 2909.2 | 2169.9 | 1249.3 | 577.8 | 259.3 | 150.9 | 115.0 | 103.8 | 98.2 | 94.7 | 94.2 |
| 72.5° | 2230.7 | 1556.7 | 722.6 | 279.5 | 138.8 | 100.3 | 88.1 | 84.1 | 82.0 | 81.0 | 81.0 |
| 75° | 1377.9 | 878.1 | 323.1 | 140.3 | 95.7 | 82.0 | 76.5 | 74.4 | 73.9 | 73.9 | 73.9 |
| 77.5° | 484.6 | 305.9 | 144.8 | 102.8 | 84.1 | 73.9 | 69.4 | 68.4 | 69.4 | 69.4 | 69.4 |
| 80° | 133.7 | 118.0 | 104.8 | 91.2 | 76.0 | 68.4 | 64.3 | 63.8 | 65.8 | 66.3 | 64.3 |
| 82.5° | 104.3 | 98.2 | 89.6 | 81.5 | 69.4 | 62.3 | 60.3 | 61.3 | 62.3 | 60.8 | 57.7 |
| 85° | 89.1 | 85.1 | 62.8 | 62.8 | 56.2 | 54.2 | 53.7 | 54.7 | 54.2 | 50.1 | 46.1 |
| 87.5° | 50.6 | 44.6 | 33.9 | 37.0 | 39.5 | 40.5 | 33.9 | 36.5 | 36.0 | 31.9 | 29.9 |
| 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: P146778

CATALOG NUMBER: OVH-E03-LED-E-U-T3-8030

CANDELA DISTRIBUTION (continued):

| | 160° | 165° | 170° | 175° | 180° |
|-------|-------|-------|-------|-------|-------|
| 0° | 813.8 | 813.8 | 813.8 | 813.8 | 813.8 |
| 2.5° | 821.4 | 821.4 | 822.4 | 822.4 | 821.9 |
| 5° | 831.5 | 831.5 | 833.0 | 832.0 | 832.5 |
| 7.5° | 829.5 | 827.4 | 827.4 | 826.4 | 825.9 |
| 10° | 815.3 | 811.8 | 809.7 | 810.7 | 809.2 |
| 12.5° | 799.1 | 796.1 | 794.0 | 793.5 | 793.0 |
| 15° | 789.0 | 785.4 | 783.9 | 782.9 | 782.9 |
| 17.5° | 783.4 | 779.3 | 777.3 | 775.8 | 775.3 |
| 20° | 780.9 | 775.8 | 772.8 | 771.2 | 770.2 |
| 22.5° | 781.9 | 775.8 | 771.7 | 769.7 | 768.7 |
| 25° | 785.9 | 778.3 | 773.3 | 770.7 | 769.2 |
| 27.5° | 793.0 | 782.9 | 777.3 | 773.8 | 771.7 |
| 30° | 801.6 | 787.4 | 779.3 | 774.3 | 772.3 |
| 32.5° | 807.2 | 787.9 | 777.8 | 770.2 | 768.2 |
| 35° | 806.2 | 782.4 | 769.2 | 759.6 | 758.1 |
| 37.5° | 796.1 | 767.7 | 751.5 | 738.8 | 737.3 |
| 40° | 774.3 | 745.4 | 726.7 | 714.0 | 711.0 |
| 42.5° | 743.9 | 714.0 | 693.8 | 682.1 | 678.1 |
| 45° | 699.3 | 662.9 | 644.1 | 634.5 | 628.9 |
| 47.5° | 636.5 | 602.1 | 581.3 | 573.2 | 566.1 |
| 50° | 565.1 | 527.2 | 512.0 | 502.8 | 494.7 |
| 52.5° | 481.1 | 448.7 | 437.0 | 428.4 | 421.8 |
| 55° | 399.5 | 376.8 | 363.1 | 354.0 | 354.5 |
| 57.5° | 321.1 | 307.4 | 299.8 | 290.2 | 291.2 |
| 60° | 252.7 | 241.0 | 241.0 | 235.0 | 232.9 |
| 62.5° | 192.9 | 188.4 | 186.9 | 184.8 | 181.3 |
| 65° | 146.3 | 146.3 | 146.9 | 146.9 | 144.8 |
| 66° | 131.7 | 133.2 | 135.2 | 135.2 | 132.7 |
| 67.5° | 113.9 | 116.0 | 118.0 | 119.0 | 119.0 |
| 70° | 94.2 | 96.7 | 97.7 | 98.7 | 98.2 |
| 72.5° | 82.5 | 84.6 | 84.6 | 85.1 | 84.1 |
| 75° | 74.9 | 76.0 | 76.5 | 75.5 | 74.9 |
| 77.5° | 69.4 | 69.9 | 69.4 | 68.9 | 68.4 |
| 80° | 62.8 | 62.3 | 60.8 | 58.7 | 58.2 |
| 82.5° | 54.2 | 52.2 | 51.1 | 48.1 | 47.6 |
| 85° | 43.5 | 41.0 | 39.0 | 34.9 | 32.9 |
| 87.5° | 28.9 | 27.9 | 26.3 | 19.2 | 15.7 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)