

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: P161925

Luminaire Tested: **OVF-E03-LED-E-U-SL4-8030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P161925
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33703)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: OVF-E03-LED-E-U-SL4-8030
Description: OVF LED ROADWAY LARGE CUTOFF COBRAHEAD LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - TYPE 4 W/ SPILL LIGHT CONTROL
Light Source: (63) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7297.2 lumens
Efficiency: N/A
Efficacy: 97.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short - Semi-Cutoff
BUG Rating: B1 - U0 - G2

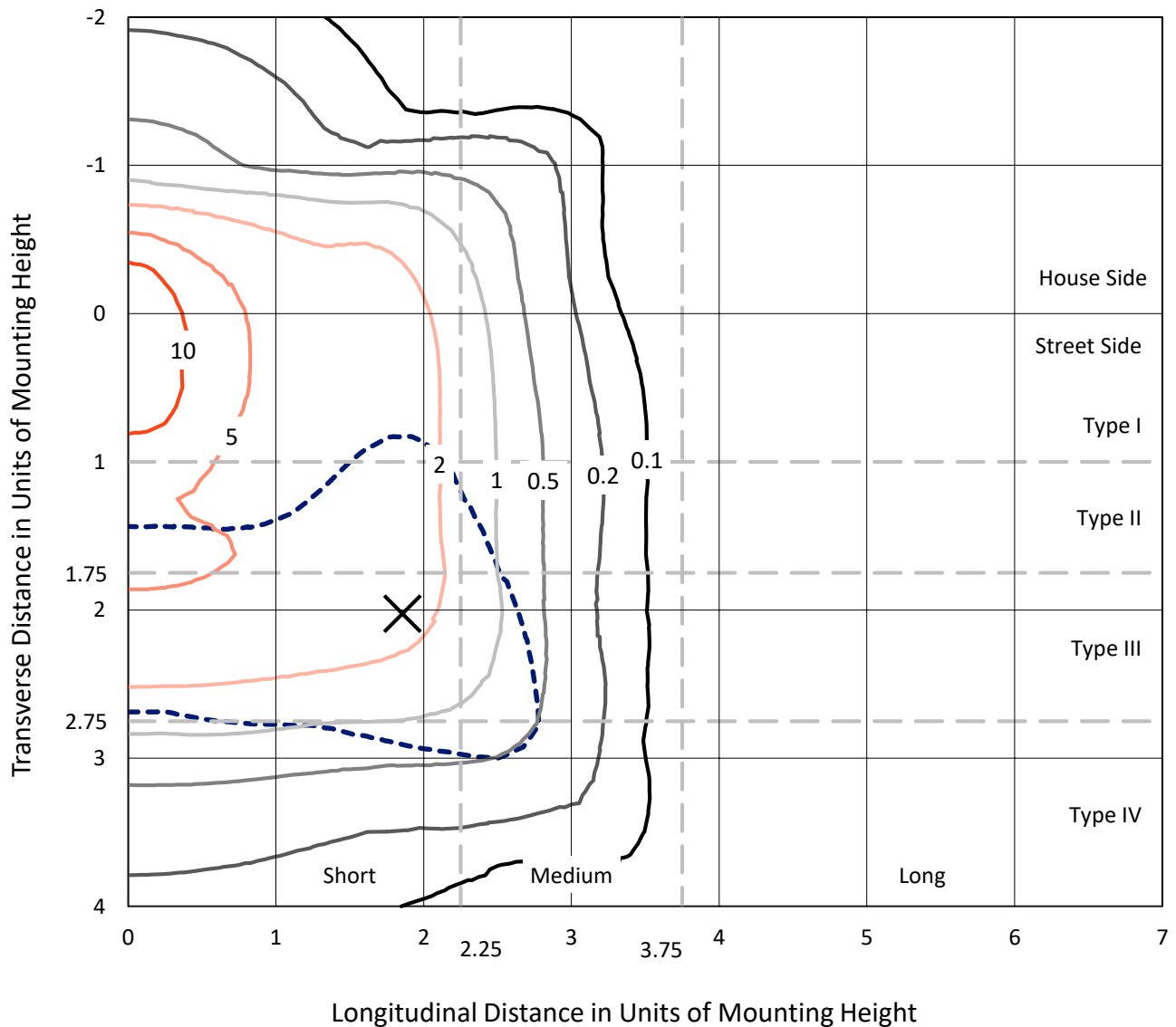
Input Watts (W): 75.2
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P161925
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Iso-Footcandle Lines of Horizontal Illumination

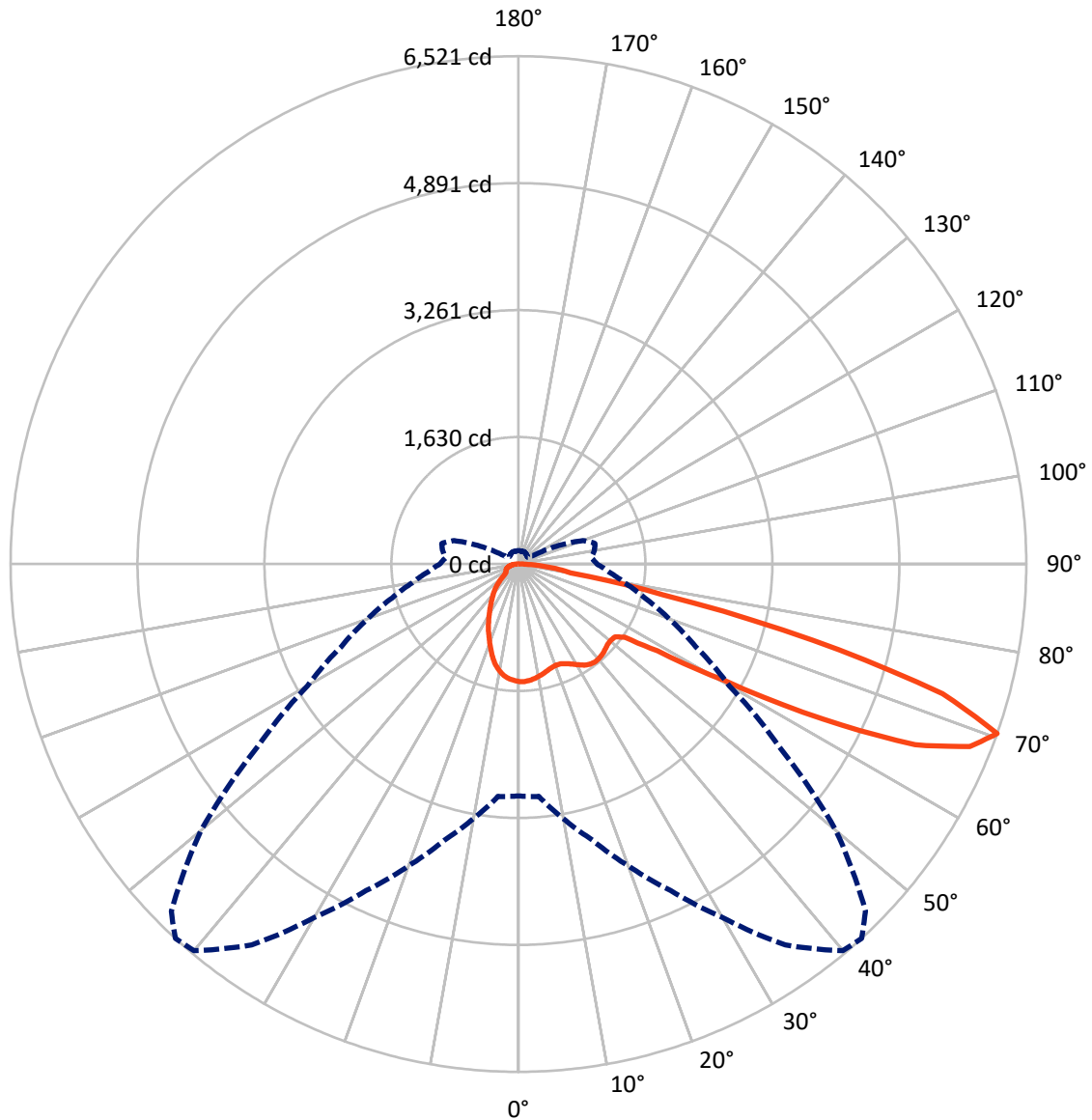
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 15.1 fc
 Type IV - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 42.5-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1576.3 | 0.0 | 1576.3 |
| | % Fixture | 21.6 | 0.0 | 21.6 |
| Street Side | Lumens | 5720.9 | 0.0 | 5720.9 |
| | % Fixture | 78.4 | 0.0 | 78.4 |
| Total | Lumens | 7297.2 | 0.0 | 7297.2 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 140.4 | 1.9 |
| 10°-20° | 378.2 | 5.2 |
| 20°-30° | 551.7 | 7.6 |
| 30°-40° | 703.7 | 9.6 |
| 40°-50° | 821.3 | 11.3 |
| 50°-60° | 1256.0 | 17.2 |
| 60°-70° | 2276.8 | 31.2 |
| 70°-80° | 1012.4 | 13.9 |
| 80°-90° | 156.7 | 2.1 |
| 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° | 7297.2 | 100.0 |
| 0°-180° | 7297.2 | 100.0 |

Coefficient of Utilization



REPORT NUMBER: P161925

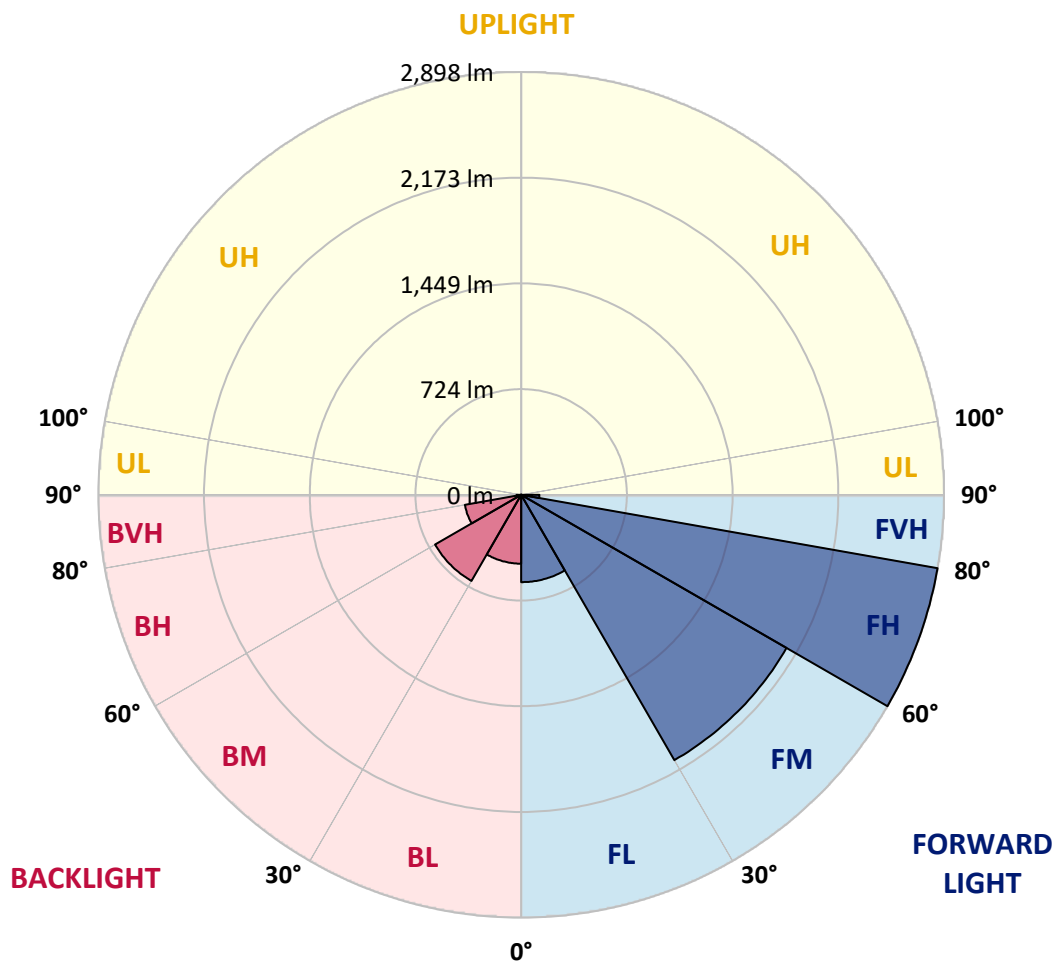
CATALOG NUMBER: OVF-E03-LED-E-U-SL4-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 598.6 | 8.2 | | | |
| FM | (30°-60°) | 2099.6 | 28.8 | | | |
| FH | (60°-80°) | 2897.6 | 39.7 | | | G2/5000 |
| FVH | (80°-90°) | 125.2 | 1.7 | | | G2/225 |
| BL | (0°-30°) | 471.8 | 6.5 | B1/500 | | |
| BM | (30°-60°) | 681.4 | 9.3 | B1/1000 | | |
| BH | (60°-80°) | 391.6 | 5.4 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 31.5 | 0.4 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B1-U0-G2

Type IV Short





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CATALOG NUMBER: OVF-E03-LED-E-U-SL4-8030

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 42.5° | 45° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1509.1 | 1509.1 | 1509.1 | 1509.1 | 1509.1 | 1509.1 | 1509.1 | 1509.1 | 1509.1 | 1509.1 | 1509.1 |
| 2.5° | 1516.1 | 1514.6 | 1515.6 | 1516.7 | 1516.7 | 1517.2 | 1512.6 | 1513.1 | 1511.1 | 1511.6 | 1512.1 |
| 5° | 1510.6 | 1509.1 | 1510.1 | 1510.1 | 1510.1 | 1509.6 | 1503.5 | 1503.0 | 1500.4 | 1500.4 | 1499.4 |
| 7.5° | 1499.9 | 1494.4 | 1497.4 | 1497.9 | 1496.9 | 1494.4 | 1490.8 | 1487.3 | 1485.8 | 1485.8 | 1482.2 |
| 10° | 1483.7 | 1477.7 | 1479.2 | 1480.2 | 1479.7 | 1474.6 | 1473.1 | 1469.6 | 1465.5 | 1464.0 | 1459.9 |
| 12.5° | 1463.0 | 1458.9 | 1460.9 | 1460.4 | 1460.4 | 1455.9 | 1453.4 | 1448.3 | 1443.2 | 1440.7 | 1435.6 |
| 15° | 1449.8 | 1444.7 | 1446.8 | 1446.8 | 1444.7 | 1440.2 | 1436.6 | 1427.5 | 1418.9 | 1415.9 | 1409.3 |
| 17.5° | 1457.9 | 1452.8 | 1454.9 | 1453.4 | 1449.8 | 1440.2 | 1431.1 | 1416.4 | 1402.7 | 1394.6 | 1386.0 |
| 20° | 1490.3 | 1485.3 | 1486.8 | 1485.8 | 1480.7 | 1465.0 | 1448.3 | 1423.0 | 1397.6 | 1385.5 | 1372.3 |
| 22.5° | 1542.0 | 1537.9 | 1540.5 | 1538.9 | 1530.8 | 1510.6 | 1485.8 | 1449.3 | 1411.3 | 1393.1 | 1374.4 |
| 25° | 1618.4 | 1617.4 | 1621.5 | 1616.9 | 1605.3 | 1574.9 | 1538.9 | 1489.8 | 1440.2 | 1417.4 | 1391.1 |
| 27.5° | 1710.6 | 1702.0 | 1708.1 | 1704.0 | 1695.9 | 1657.4 | 1608.8 | 1546.5 | 1483.2 | 1453.4 | 1422.0 |
| 30° | 1793.6 | 1786.1 | 1797.2 | 1795.2 | 1783.0 | 1743.5 | 1682.2 | 1609.3 | 1537.9 | 1499.9 | 1464.0 |
| 32.5° | 1889.9 | 1880.2 | 1888.9 | 1888.9 | 1870.6 | 1817.5 | 1747.6 | 1664.0 | 1589.1 | 1548.6 | 1505.5 |
| 35° | 1990.6 | 1980.5 | 1988.6 | 1986.1 | 1953.7 | 1883.3 | 1795.7 | 1705.0 | 1622.5 | 1581.0 | 1536.9 |
| 37.5° | 2084.3 | 2082.8 | 2084.8 | 2068.1 | 2023.0 | 1932.9 | 1828.1 | 1726.8 | 1639.2 | 1595.6 | 1549.6 |
| 40° | 2178.0 | 2174.5 | 2165.8 | 2136.5 | 2070.6 | 1962.3 | 1844.8 | 1734.4 | 1640.2 | 1594.6 | 1548.0 |
| 42.5° | 2236.7 | 2230.2 | 2215.5 | 2175.5 | 2092.9 | 1969.4 | 1839.7 | 1722.8 | 1628.1 | 1581.5 | 1535.9 |
| 45° | 2257.0 | 2250.4 | 2232.7 | 2187.6 | 2093.4 | 1958.2 | 1820.0 | 1699.5 | 1605.3 | 1562.7 | 1516.7 |
| 47.5° | 2240.3 | 2236.2 | 2220.0 | 2175.0 | 2077.2 | 1937.5 | 1795.2 | 1676.2 | 1583.5 | 1542.0 | 1498.9 |
| 50° | 2211.9 | 2209.4 | 2195.2 | 2153.7 | 2062.0 | 1924.8 | 1783.5 | 1665.0 | 1577.4 | 1538.9 | 1498.4 |
| 52.5° | 2282.8 | 2275.2 | 2249.9 | 2200.8 | 2093.9 | 1947.6 | 1801.8 | 1681.7 | 1591.6 | 1552.6 | 1511.1 |
| 55° | 3154.3 | 3098.1 | 2972.5 | 2737.1 | 2407.4 | 2151.7 | 1936.5 | 1791.6 | 1694.4 | 1656.4 | 1616.9 |
| 57.5° | 4148.4 | 4089.6 | 4037.5 | 3857.7 | 3466.3 | 2983.2 | 2548.7 | 2294.5 | 2120.3 | 2103.6 | 2087.9 |
| 60° | 4531.2 | 4550.0 | 4545.4 | 4478.6 | 4278.0 | 4048.6 | 3685.0 | 3384.7 | 3052.0 | 3038.4 | 3058.1 |
| 62.5° | 4795.1 | 4810.7 | 4812.8 | 4792.5 | 4727.2 | 4650.7 | 4574.8 | 4478.6 | 4415.3 | 4387.9 | 4211.2 |
| 65° | 4903.9 | 4926.7 | 4976.8 | 5014.3 | 5025.0 | 5051.3 | 5120.2 | 5382.0 | 5600.2 | 5598.7 | 5391.6 |
| 67.5° | 4488.2 | 4515.5 | 4705.4 | 4891.8 | 5048.2 | 5229.5 | 5508.6 | 5934.4 | 6263.1 | 6253.0 | 6083.3 |
| 70° | 2978.6 | 2995.8 | 3318.4 | 3669.3 | 4124.6 | 4627.9 | 5237.6 | 5971.9 | 6481.3 | 6521.3 | 6302.6 |
| 72.5° | 1827.1 | 1866.6 | 1971.9 | 2114.2 | 2357.3 | 2823.7 | 3730.1 | 4984.9 | 5732.4 | 5694.9 | 5520.7 |
| 75° | 1233.6 | 1235.6 | 1232.6 | 1247.8 | 1261.4 | 1355.6 | 1720.7 | 2741.1 | 3883.0 | 3903.3 | 3828.3 |
| 77.5° | 843.1 | 854.3 | 860.4 | 856.3 | 870.0 | 865.9 | 887.2 | 939.4 | 1488.3 | 1899.5 | 1745.5 |
| 80° | 736.8 | 741.4 | 747.9 | 738.3 | 713.0 | 698.8 | 718.6 | 699.8 | 659.3 | 681.1 | 652.2 |
| 82.5° | 466.4 | 480.1 | 481.6 | 515.0 | 564.6 | 566.7 | 592.0 | 573.2 | 521.6 | 487.7 | 446.1 |
| 85° | 335.2 | 340.3 | 349.4 | 351.4 | 334.2 | 319.5 | 328.7 | 313.0 | 282.1 | 263.8 | 233.4 |
| 87.5° | 195.5 | 200.5 | 209.6 | 204.1 | 186.9 | 165.6 | 149.4 | 128.6 | 101.8 | 95.2 | 84.1 |
| 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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CATALOG NUMBER: OVF-E03-LED-E-U-SL4-8030

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1509.1 | 1509.1 | 1509.1 | 1509.1 | 1509.1 | 1509.1 | 1509.1 | 1509.1 | 1509.1 | 1509.1 | 1509.1 |
| 2.5° | 1512.6 | 1510.1 | 1508.0 | 1507.0 | 1509.1 | 1507.0 | 1505.0 | 1504.0 | 1502.0 | 1502.5 | 1499.9 |
| 5° | 1498.4 | 1494.9 | 1491.8 | 1489.3 | 1491.3 | 1487.8 | 1484.7 | 1482.7 | 1480.2 | 1479.7 | 1477.2 |
| 7.5° | 1478.7 | 1473.1 | 1469.1 | 1464.5 | 1459.4 | 1456.4 | 1452.8 | 1449.3 | 1443.7 | 1443.2 | 1442.2 |
| 10° | 1452.8 | 1448.3 | 1440.2 | 1433.1 | 1426.0 | 1418.4 | 1410.8 | 1405.2 | 1398.7 | 1396.1 | 1392.6 |
| 12.5° | 1427.0 | 1417.9 | 1408.3 | 1397.1 | 1388.5 | 1376.4 | 1366.3 | 1355.6 | 1346.0 | 1339.9 | 1333.3 |
| 15° | 1396.6 | 1387.0 | 1373.3 | 1362.7 | 1350.6 | 1336.9 | 1323.7 | 1308.0 | 1292.3 | 1282.7 | 1273.6 |
| 17.5° | 1370.3 | 1358.2 | 1347.0 | 1331.8 | 1319.7 | 1304.0 | 1284.2 | 1267.5 | 1248.8 | 1233.1 | 1216.4 |
| 20° | 1350.0 | 1336.4 | 1323.2 | 1309.5 | 1294.9 | 1277.1 | 1255.4 | 1231.6 | 1207.8 | 1185.5 | 1160.7 |
| 22.5° | 1341.9 | 1320.2 | 1305.5 | 1292.8 | 1277.6 | 1257.4 | 1233.1 | 1203.7 | 1174.3 | 1146.0 | 1117.1 |
| 25° | 1349.0 | 1316.6 | 1293.8 | 1279.7 | 1266.0 | 1245.2 | 1217.9 | 1184.5 | 1150.0 | 1114.1 | 1079.6 |
| 27.5° | 1368.3 | 1327.3 | 1294.9 | 1272.6 | 1256.9 | 1236.6 | 1206.2 | 1171.3 | 1132.3 | 1091.8 | 1054.8 |
| 30° | 1396.1 | 1345.0 | 1304.5 | 1272.6 | 1249.3 | 1226.0 | 1193.1 | 1153.6 | 1112.5 | 1070.0 | 1028.5 |
| 32.5° | 1426.5 | 1364.7 | 1316.1 | 1274.1 | 1238.1 | 1208.8 | 1174.3 | 1135.8 | 1092.3 | 1047.2 | 1002.7 |
| 35° | 1449.3 | 1378.9 | 1321.2 | 1268.5 | 1222.4 | 1185.5 | 1148.5 | 1111.0 | 1068.5 | 1022.9 | 978.4 |
| 37.5° | 1458.9 | 1384.5 | 1320.2 | 1256.9 | 1200.7 | 1160.1 | 1121.7 | 1084.2 | 1043.2 | 1000.1 | 959.1 |
| 40° | 1459.4 | 1384.5 | 1314.1 | 1241.2 | 1177.9 | 1133.8 | 1093.3 | 1058.4 | 1019.9 | 982.9 | 946.5 |
| 42.5° | 1449.8 | 1377.4 | 1303.0 | 1226.5 | 1161.2 | 1111.5 | 1070.0 | 1034.1 | 1003.2 | 970.3 | 939.4 |
| 45° | 1432.6 | 1363.2 | 1292.8 | 1218.4 | 1155.1 | 1106.0 | 1061.4 | 1027.5 | 999.6 | 970.3 | 943.4 |
| 47.5° | 1419.4 | 1355.1 | 1293.3 | 1230.0 | 1169.8 | 1119.1 | 1071.0 | 1035.1 | 1011.3 | 988.0 | 968.7 |
| 50° | 1422.0 | 1358.2 | 1299.4 | 1239.1 | 1179.9 | 1128.8 | 1082.2 | 1051.3 | 1037.1 | 1029.5 | 1024.9 |
| 52.5° | 1435.1 | 1370.3 | 1325.7 | 1285.7 | 1266.5 | 1235.1 | 1209.3 | 1186.0 | 1189.5 | 1171.3 | 1148.0 |
| 55° | 1570.8 | 1549.1 | 1600.2 | 1637.2 | 1655.4 | 1687.3 | 1733.4 | 1689.3 | 1683.3 | 1627.0 | 1459.9 |
| 57.5° | 2109.1 | 2160.8 | 2239.3 | 2295.0 | 2300.6 | 2290.9 | 2252.9 | 2216.5 | 2157.2 | 2072.7 | 1838.7 |
| 60° | 3012.0 | 2999.9 | 2927.0 | 2829.2 | 2753.3 | 2653.5 | 2553.2 | 2468.7 | 2373.5 | 2243.8 | 1994.7 |
| 62.5° | 3961.5 | 3668.8 | 3409.0 | 3187.8 | 2999.9 | 2833.3 | 2681.9 | 2554.8 | 2424.1 | 2237.8 | 1972.4 |
| 65° | 4728.2 | 4165.1 | 3707.3 | 3351.3 | 3071.8 | 2836.3 | 2640.8 | 2465.6 | 2290.9 | 2075.2 | 1818.0 |
| 67.5° | 5276.1 | 4382.8 | 3692.1 | 3191.3 | 2799.3 | 2475.3 | 2190.7 | 1991.1 | 1811.9 | 1642.2 | 1526.3 |
| 70° | 5319.7 | 4081.5 | 3123.4 | 2510.7 | 2058.5 | 1677.7 | 1382.5 | 1164.7 | 1008.7 | 938.3 | 988.5 |
| 72.5° | 4545.9 | 3019.6 | 2076.7 | 1536.9 | 1219.9 | 948.0 | 762.1 | 609.2 | 483.6 | 421.8 | 430.4 |
| 75° | 2677.3 | 1449.8 | 935.3 | 696.8 | 569.2 | 454.7 | 393.5 | 332.2 | 293.2 | 235.0 | 187.9 |
| 77.5° | 1019.4 | 630.5 | 472.0 | 391.9 | 279.5 | 201.0 | 158.5 | 136.7 | 125.6 | 124.1 | 117.5 |
| 80° | 587.4 | 462.3 | 323.6 | 211.7 | 155.0 | 131.2 | 112.4 | 96.2 | 89.6 | 88.1 | 90.6 |
| 82.5° | 371.2 | 288.1 | 177.7 | 136.2 | 112.9 | 97.2 | 81.0 | 70.4 | 64.8 | 62.8 | 66.3 |
| 85° | 191.9 | 144.3 | 108.4 | 93.2 | 86.6 | 79.0 | 64.8 | 54.2 | 53.7 | 56.2 | 64.8 |
| 87.5° | 70.9 | 61.8 | 48.6 | 42.0 | 45.1 | 42.0 | 30.4 | 26.3 | 23.8 | 31.4 | 45.6 |
| 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: OVF-E03-LED-E-U-SL4-8030

CANDELA DISTRIBUTION (continued):

| | 105° | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1509.1 | 1509.1 | 1509.1 | 1509.1 | 1509.1 | 1509.1 | 1509.1 | 1509.1 | 1509.1 | 1509.1 | 1509.1 |
| 2.5° | 1499.9 | 1498.9 | 1499.4 | 1498.4 | 1498.4 | 1499.9 | 1497.9 | 1496.4 | 1498.9 | 1498.9 | 1500.4 |
| 5° | 1476.6 | 1477.7 | 1477.7 | 1477.2 | 1478.2 | 1480.7 | 1480.2 | 1480.2 | 1484.2 | 1485.8 | 1487.8 |
| 7.5° | 1439.7 | 1441.2 | 1441.7 | 1443.2 | 1443.7 | 1447.3 | 1449.8 | 1452.8 | 1458.9 | 1460.4 | 1465.0 |
| 10° | 1389.5 | 1388.5 | 1392.1 | 1391.6 | 1396.1 | 1399.2 | 1401.2 | 1407.8 | 1416.9 | 1422.0 | 1426.5 |
| 12.5° | 1330.3 | 1330.3 | 1332.3 | 1332.8 | 1336.9 | 1340.9 | 1343.5 | 1351.6 | 1359.2 | 1365.7 | 1375.9 |
| 15° | 1267.5 | 1265.5 | 1260.9 | 1260.4 | 1261.9 | 1266.0 | 1271.6 | 1277.6 | 1289.3 | 1298.9 | 1307.5 |
| 17.5° | 1201.7 | 1195.6 | 1190.0 | 1182.9 | 1182.4 | 1181.9 | 1185.0 | 1189.5 | 1207.8 | 1217.4 | 1229.5 |
| 20° | 1143.4 | 1130.3 | 1117.1 | 1102.4 | 1093.8 | 1089.8 | 1091.3 | 1097.4 | 1114.6 | 1127.2 | 1139.9 |
| 22.5° | 1091.3 | 1071.5 | 1050.8 | 1027.5 | 1013.3 | 1004.7 | 1005.7 | 1008.2 | 1020.9 | 1028.5 | 1035.1 |
| 25° | 1046.7 | 1019.4 | 990.5 | 960.6 | 940.9 | 927.7 | 927.2 | 927.2 | 921.6 | 922.7 | 919.1 |
| 27.5° | 1016.3 | 978.4 | 941.4 | 906.4 | 880.6 | 867.5 | 849.7 | 837.1 | 825.9 | 810.7 | 804.2 |
| 30° | 987.0 | 948.0 | 905.9 | 867.5 | 836.6 | 810.7 | 777.8 | 750.5 | 728.7 | 707.9 | 690.2 |
| 32.5° | 960.6 | 920.1 | 880.1 | 838.1 | 795.5 | 751.0 | 707.9 | 676.5 | 645.7 | 613.8 | 592.5 |
| 35° | 937.3 | 899.4 | 859.4 | 811.8 | 752.0 | 693.8 | 645.1 | 602.6 | 566.1 | 527.7 | 496.8 |
| 37.5° | 924.2 | 889.7 | 848.2 | 783.4 | 708.4 | 642.1 | 587.9 | 540.3 | 491.7 | 445.6 | 407.6 |
| 40° | 917.6 | 887.2 | 836.6 | 754.5 | 669.5 | 598.6 | 538.3 | 481.1 | 423.9 | 369.7 | 330.2 |
| 42.5° | 916.6 | 887.2 | 819.3 | 725.2 | 636.0 | 560.1 | 492.7 | 423.9 | 354.5 | 301.8 | 266.9 |
| 45° | 925.7 | 886.2 | 801.1 | 698.8 | 606.2 | 525.6 | 444.6 | 363.6 | 292.2 | 246.1 | 226.9 |
| 47.5° | 952.0 | 889.7 | 786.9 | 676.5 | 577.8 | 487.7 | 389.9 | 296.7 | 236.0 | 215.2 | 214.7 |
| 50° | 994.6 | 905.9 | 783.9 | 660.3 | 549.9 | 440.1 | 325.6 | 237.5 | 208.1 | 207.1 | 212.7 |
| 52.5° | 1061.9 | 936.3 | 791.5 | 649.2 | 516.5 | 378.3 | 257.8 | 205.1 | 199.5 | 205.1 | 212.2 |
| 55° | 1210.3 | 990.5 | 801.6 | 629.4 | 462.3 | 299.8 | 212.2 | 194.5 | 197.0 | 203.6 | 210.2 |
| 57.5° | 1480.2 | 1102.9 | 812.3 | 584.9 | 374.7 | 230.4 | 190.9 | 190.4 | 195.0 | 200.5 | 206.6 |
| 60° | 1651.4 | 1241.7 | 838.1 | 519.1 | 283.1 | 190.4 | 182.8 | 187.9 | 193.4 | 197.5 | 202.6 |
| 62.5° | 1656.9 | 1278.1 | 851.8 | 448.7 | 210.7 | 174.2 | 175.7 | 185.3 | 191.9 | 193.4 | 196.0 |
| 65° | 1550.1 | 1209.3 | 790.0 | 365.1 | 174.7 | 165.1 | 170.7 | 179.3 | 185.8 | 186.9 | 188.9 |
| 67.5° | 1354.1 | 1066.5 | 669.5 | 275.5 | 159.0 | 158.0 | 164.1 | 170.7 | 175.2 | 179.3 | 182.3 |
| 70° | 1019.9 | 880.1 | 538.3 | 213.7 | 149.4 | 148.4 | 154.5 | 160.0 | 164.1 | 169.1 | 174.2 |
| 72.5° | 517.0 | 609.2 | 408.2 | 174.7 | 136.2 | 137.2 | 143.8 | 148.9 | 151.9 | 156.5 | 161.5 |
| 75° | 176.2 | 265.9 | 258.3 | 141.3 | 121.5 | 125.6 | 128.6 | 134.2 | 138.8 | 141.8 | 144.3 |
| 77.5° | 110.4 | 115.5 | 133.2 | 113.9 | 107.4 | 108.4 | 113.4 | 118.5 | 123.6 | 125.6 | 126.6 |
| 80° | 92.2 | 92.7 | 93.2 | 91.2 | 91.7 | 94.7 | 97.7 | 103.3 | 108.4 | 109.4 | 109.9 |
| 82.5° | 72.9 | 78.0 | 77.5 | 77.0 | 79.5 | 82.5 | 84.6 | 86.6 | 88.6 | 89.6 | 91.2 |
| 85° | 64.3 | 63.3 | 63.8 | 65.3 | 63.3 | 61.3 | 60.8 | 60.8 | 63.8 | 67.4 | 68.9 |
| 87.5° | 58.7 | 50.1 | 37.5 | 35.4 | 35.4 | 34.4 | 32.4 | 32.4 | 35.4 | 38.5 | 40.0 |
| 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: P161925

CATALOG NUMBER: OVF-E03-LED-E-U-SL4-8030

CANDELA DISTRIBUTION (continued):

| | 160° | 165° | 170° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|
| 0° | 1509.1 | 1509.1 | 1509.1 | 1509.1 | 1509.1 |
| 2.5° | 1499.9 | 1500.4 | 1499.9 | 1499.9 | 1502.5 |
| 5° | 1488.8 | 1490.8 | 1489.8 | 1491.3 | 1492.9 |
| 7.5° | 1466.0 | 1471.1 | 1472.1 | 1476.1 | 1474.6 |
| 10° | 1433.1 | 1436.6 | 1441.7 | 1445.8 | 1444.2 |
| 12.5° | 1380.9 | 1389.5 | 1397.1 | 1401.7 | 1400.7 |
| 15° | 1314.6 | 1326.8 | 1336.9 | 1340.4 | 1336.4 |
| 17.5° | 1243.7 | 1251.3 | 1263.5 | 1266.0 | 1270.0 |
| 20° | 1154.1 | 1153.6 | 1164.2 | 1164.2 | 1162.2 |
| 22.5° | 1037.1 | 1044.7 | 1044.7 | 1037.6 | 1034.1 |
| 25° | 917.6 | 920.1 | 912.5 | 914.0 | 904.4 |
| 27.5° | 797.6 | 791.0 | 784.9 | 787.4 | 780.4 |
| 30° | 683.1 | 668.9 | 662.9 | 663.9 | 656.3 |
| 32.5° | 573.2 | 556.5 | 550.5 | 542.3 | 535.8 |
| 35° | 473.5 | 447.1 | 431.4 | 427.4 | 432.0 |
| 37.5° | 375.7 | 357.0 | 338.3 | 324.6 | 326.1 |
| 40° | 297.3 | 278.0 | 265.9 | 260.3 | 259.3 |
| 42.5° | 245.6 | 234.5 | 231.9 | 232.4 | 232.4 |
| 45° | 222.8 | 223.3 | 225.3 | 227.4 | 227.9 |
| 47.5° | 218.3 | 221.3 | 224.8 | 227.4 | 227.9 |
| 50° | 217.7 | 220.8 | 223.3 | 226.4 | 227.4 |
| 52.5° | 217.2 | 219.3 | 220.8 | 222.3 | 223.8 |
| 55° | 215.2 | 216.2 | 215.7 | 216.7 | 218.3 |
| 57.5° | 210.2 | 210.7 | 209.6 | 210.2 | 213.2 |
| 60° | 205.6 | 206.1 | 204.1 | 206.6 | 207.1 |
| 62.5° | 200.0 | 199.5 | 198.5 | 200.0 | 200.0 |
| 65° | 191.9 | 188.9 | 189.9 | 191.4 | 191.9 |
| 67.5° | 182.3 | 179.3 | 179.3 | 180.3 | 181.8 |
| 70° | 170.1 | 168.6 | 168.6 | 170.7 | 172.7 |
| 72.5° | 156.5 | 157.5 | 160.5 | 163.6 | 166.6 |
| 75° | 145.3 | 147.9 | 150.9 | 158.5 | 163.1 |
| 77.5° | 131.2 | 131.7 | 134.2 | 141.8 | 149.9 |
| 80° | 111.4 | 110.9 | 111.4 | 112.4 | 113.9 |
| 82.5° | 88.1 | 87.1 | 84.1 | 85.1 | 83.0 |
| 85° | 64.8 | 63.3 | 59.8 | 57.2 | 56.7 |
| 87.5° | 37.5 | 37.5 | 36.0 | 33.9 | 31.9 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)