

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: P141162

Luminaire Tested: **CEM-E03-LED-E-U-SL3-7060**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P141162
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33691)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: CEM-E03-LED-E-U-SL3-7060
Description: EPIC CLASSICAL MEDIUM DECORATIVE LED LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL
Light Source: (63) 5700K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8908.3 lumens
Efficiency: N/A
Efficacy: 118.5 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

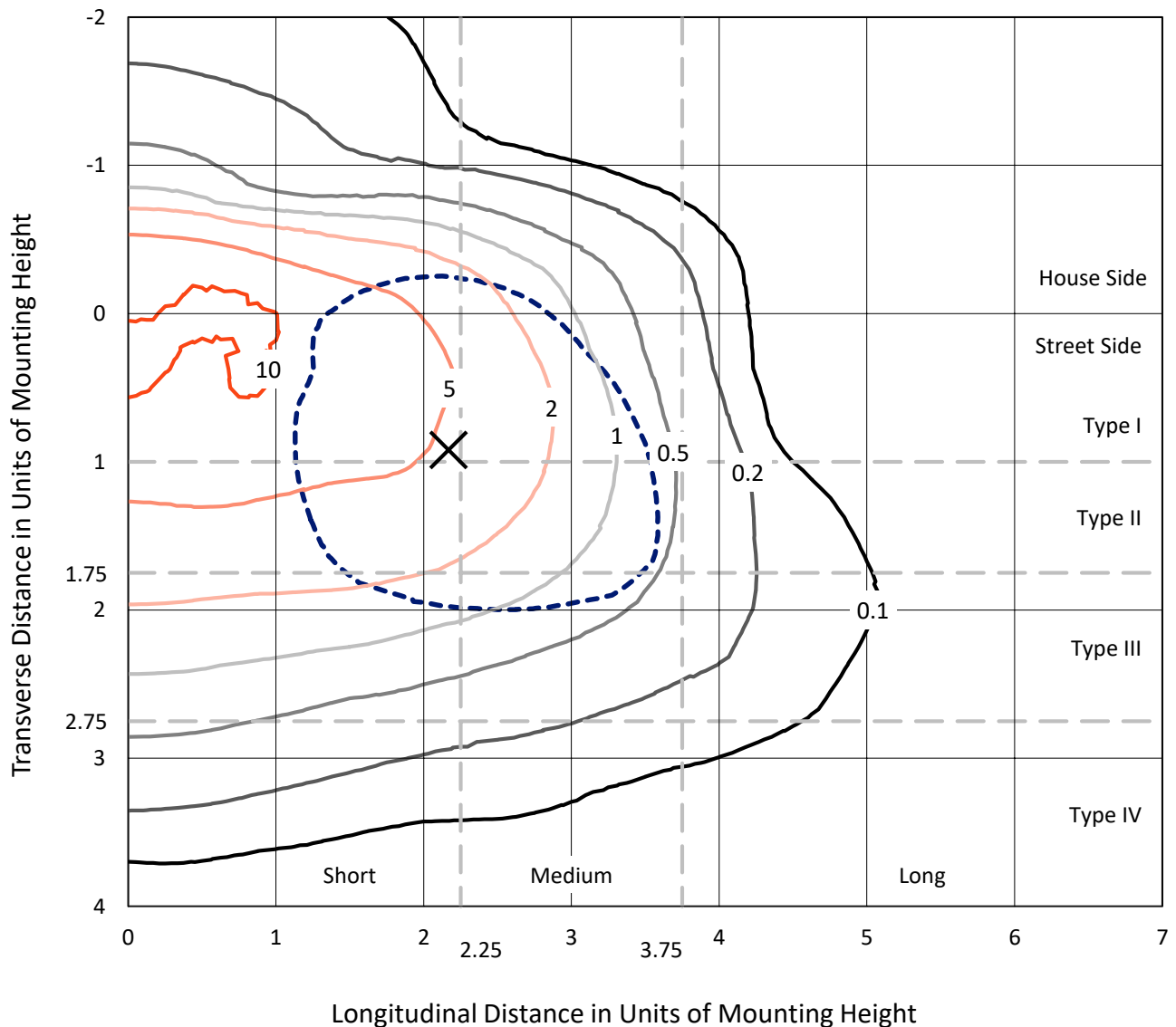


REPORT NUMBER: P141162

CATALOG NUMBER: CEM-E03-LED-E-U-SL3-7060

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

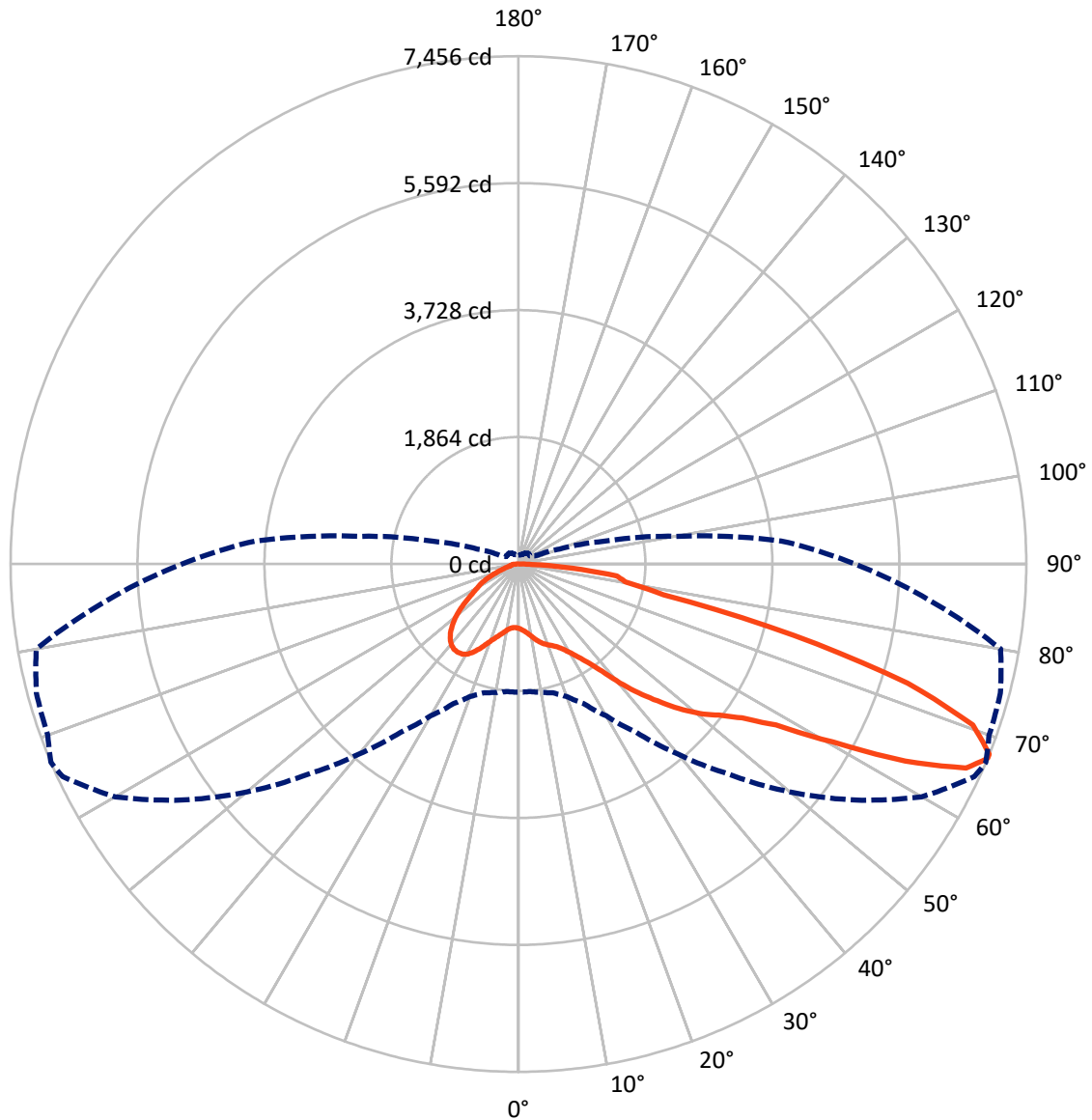


Based on 10 foot mounting height. Maximum calculated value = 12.4 fc
 Type III - Short - Semi-Cutoff

REPORT NUMBER: P141162

CATALOG NUMBER: CEM-E03-LED-E-U-SL3-7060

Luminous Intensity Polar Plot



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



REPORT NUMBER: P141162

CATALOG NUMBER: CEM-E03-LED-E-U-SL3-7060

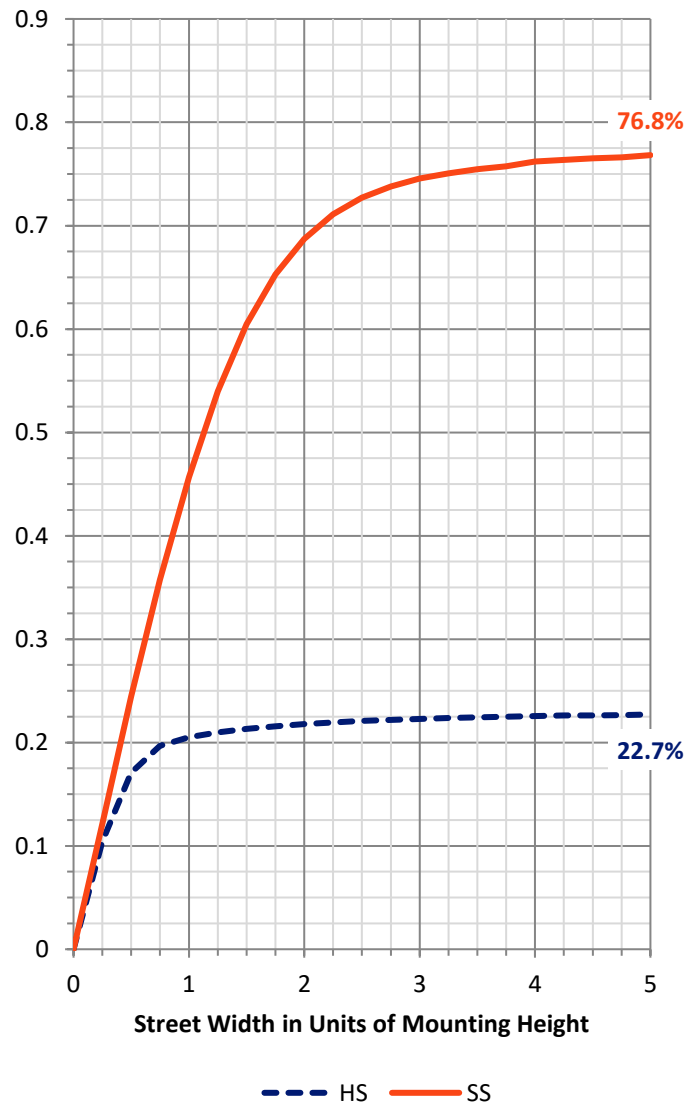
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 2049.4 | 0.0 | 2049.4 |
| | % Fixture | 23.0 | 0.0 | 23.0 |
| Street Side | Lumens | 6858.9 | 0.0 | 6858.9 |
| | % Fixture | 77.0 | 0.0 | 77.0 |
| Total | Lumens | 8908.3 | 0.0 | 8908.3 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 94.7 | 1.1 |
| 10°-20° | 327.6 | 3.7 |
| 20°-30° | 583.1 | 6.5 |
| 30°-40° | 838.3 | 9.4 |
| 40°-50° | 1277.6 | 14.3 |
| 50°-60° | 1866.2 | 20.9 |
| 60°-70° | 2514.6 | 28.2 |
| 70°-80° | 1234.6 | 13.9 |
| 80°-90° | 171.7 | 1.9 |
| 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° | 8908.3 | 100.0 |
| 0°-180° | 8908.3 | 100.0 |



REPORT NUMBER: P141162

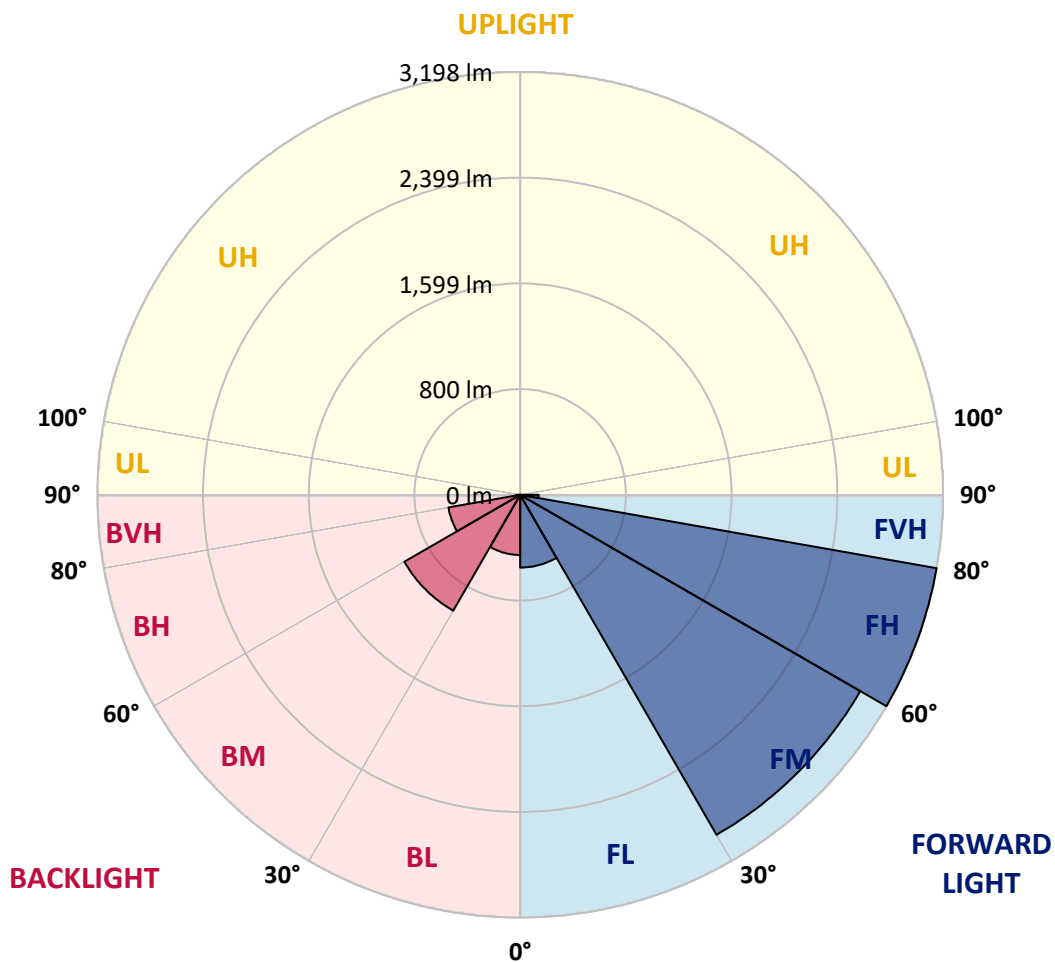
CATALOG NUMBER: CEM-E03-LED-E-U-SL3-7060

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 550.3 | 6.2 | | | |
| FM | (30°-60°) | 2969.8 | 33.3 | | | |
| FH | (60°-80°) | 3198.1 | 35.9 | | | G2/5000 |
| FVH | (80°-90°) | 140.7 | 1.6 | | | G2/225 |
| BL | (0°-30°) | 455.1 | 5.1 | B1/500 | | |
| BM | (30°-60°) | 1012.3 | 11.4 | B2/2500 | | |
| BH | (60°-80°) | 551.1 | 6.2 | B2/1000 | | G2/1000 |
| BVH | (80°-90°) | 30.9 | 0.3 | | | 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





REPORT NUMBER: P141162

CATALOG NUMBER: CEM-E03-LED-E-U-SL3-7060

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 945.0 | 945.0 | 945.0 | 945.0 | 945.0 | 945.0 | 945.0 | 945.0 | 945.0 | 945.0 | 945.0 |
| 2.5° | 994.3 | 989.2 | 993.3 | 992.2 | 989.2 | 985.1 | 987.1 | 984.0 | 982.0 | 978.9 | 975.8 |
| 5° | 1058.9 | 1055.9 | 1053.8 | 1050.7 | 1048.7 | 1045.6 | 1043.5 | 1038.4 | 1031.2 | 1026.1 | 1022.0 |
| 7.5° | 1122.6 | 1121.5 | 1118.5 | 1114.4 | 1106.1 | 1104.1 | 1096.9 | 1091.8 | 1085.6 | 1075.4 | 1067.1 |
| 10° | 1197.5 | 1196.4 | 1191.3 | 1185.2 | 1175.9 | 1166.7 | 1158.5 | 1146.2 | 1133.8 | 1124.6 | 1117.4 |
| 12.5° | 1287.8 | 1282.6 | 1272.4 | 1264.2 | 1253.9 | 1239.5 | 1226.2 | 1211.8 | 1194.4 | 1180.0 | 1171.8 |
| 15° | 1378.1 | 1371.9 | 1363.7 | 1352.4 | 1337.0 | 1317.5 | 1298.0 | 1276.5 | 1249.8 | 1231.3 | 1220.0 |
| 17.5° | 1451.9 | 1447.8 | 1438.6 | 1423.2 | 1407.8 | 1384.2 | 1358.6 | 1328.8 | 1296.0 | 1268.3 | 1250.8 |
| 20° | 1505.3 | 1501.2 | 1486.8 | 1468.4 | 1447.8 | 1421.2 | 1393.5 | 1360.6 | 1321.6 | 1287.8 | 1268.3 |
| 22.5° | 1527.9 | 1521.7 | 1505.3 | 1480.7 | 1453.0 | 1420.1 | 1390.4 | 1362.7 | 1326.8 | 1301.1 | 1280.6 |
| 25° | 1535.1 | 1527.9 | 1506.3 | 1475.5 | 1439.6 | 1397.6 | 1363.7 | 1342.1 | 1320.6 | 1311.4 | 1304.2 |
| 27.5° | 1530.9 | 1524.8 | 1501.2 | 1463.2 | 1415.0 | 1365.7 | 1329.8 | 1314.4 | 1315.5 | 1332.9 | 1341.1 |
| 30° | 1516.6 | 1509.4 | 1487.9 | 1445.8 | 1394.5 | 1341.1 | 1309.3 | 1304.2 | 1327.8 | 1371.9 | 1404.7 |
| 32.5° | 1493.0 | 1487.9 | 1470.4 | 1434.5 | 1388.3 | 1342.1 | 1319.6 | 1330.9 | 1371.9 | 1440.7 | 1497.1 |
| 35° | 1486.8 | 1485.8 | 1477.6 | 1458.1 | 1424.2 | 1394.5 | 1385.2 | 1417.1 | 1484.8 | 1579.2 | 1651.0 |
| 37.5° | 1485.8 | 1490.9 | 1495.0 | 1495.0 | 1487.9 | 1485.8 | 1513.5 | 1557.6 | 1658.2 | 1776.2 | 1893.2 |
| 40° | 1506.3 | 1515.6 | 1536.1 | 1562.8 | 1588.4 | 1625.4 | 1681.8 | 1764.9 | 1869.6 | 2013.2 | 2158.9 |
| 42.5° | 1569.9 | 1590.5 | 1625.4 | 1671.5 | 1738.2 | 1807.0 | 1898.3 | 2001.9 | 2136.4 | 2281.0 | 2425.7 |
| 45° | 1694.1 | 1723.9 | 1749.5 | 1822.4 | 1910.6 | 1991.7 | 2110.7 | 2247.2 | 2394.9 | 2576.6 | 2732.5 |
| 47.5° | 1858.3 | 1879.8 | 1933.2 | 2010.1 | 2117.9 | 2233.8 | 2348.8 | 2467.8 | 2645.3 | 2835.1 | 3023.9 |
| 50° | 2022.5 | 2038.9 | 2095.3 | 2185.6 | 2327.2 | 2454.4 | 2585.8 | 2703.8 | 2856.7 | 3057.8 | 3242.5 |
| 52.5° | 2144.6 | 2167.1 | 2216.4 | 2304.6 | 2463.7 | 2608.4 | 2758.2 | 2888.5 | 3060.9 | 3241.5 | 3434.4 |
| 55° | 2228.7 | 2243.1 | 2288.2 | 2374.4 | 2524.2 | 2689.4 | 2858.7 | 3018.8 | 3224.0 | 3428.2 | 3620.1 |
| 57.5° | 2242.0 | 2256.4 | 2297.5 | 2373.4 | 2519.1 | 2692.5 | 2886.4 | 3082.4 | 3330.7 | 3600.6 | 3852.0 |
| 60° | 2226.6 | 2237.9 | 2273.8 | 2336.4 | 2473.9 | 2663.8 | 2894.6 | 3140.9 | 3446.7 | 3794.5 | 4153.7 |
| 62.5° | 2157.9 | 2169.2 | 2202.0 | 2253.3 | 2375.4 | 2580.7 | 2870.0 | 3227.1 | 3611.9 | 4049.0 | 4575.4 |
| 65° | 2028.6 | 2035.8 | 2066.6 | 2107.6 | 2230.8 | 2439.1 | 2758.2 | 3209.7 | 3742.2 | 4337.3 | 5018.7 |
| 67° | 1881.9 | 1878.8 | 1913.7 | 1954.7 | 2067.6 | 2259.5 | 2571.4 | 3015.7 | 3638.6 | 4359.9 | 5204.4 |
| 67.5° | 1836.7 | 1844.9 | 1878.8 | 1907.5 | 2017.3 | 2203.0 | 2501.6 | 2940.8 | 3550.3 | 4308.6 | 5201.3 |
| 70° | 1516.6 | 1532.0 | 1550.4 | 1568.9 | 1665.4 | 1801.8 | 2021.4 | 2446.2 | 2938.8 | 3657.0 | 4722.1 |
| 72.5° | 1040.5 | 1009.7 | 1023.0 | 1016.9 | 1046.6 | 1132.8 | 1285.7 | 1659.2 | 2050.2 | 2667.9 | 3505.2 |
| 75° | 527.4 | 561.3 | 557.2 | 582.8 | 624.9 | 679.3 | 750.1 | 889.6 | 1196.4 | 1559.7 | 2169.2 |
| 77.5° | 295.5 | 287.3 | 316.0 | 322.2 | 346.8 | 404.3 | 529.5 | 713.1 | 853.7 | 1002.5 | 1226.2 |
| 80° | 134.4 | 148.8 | 158.0 | 143.7 | 148.8 | 161.1 | 209.3 | 328.4 | 552.0 | 840.4 | 966.6 |
| 82.5° | 74.9 | 80.0 | 93.4 | 94.4 | 98.5 | 101.6 | 109.8 | 127.2 | 171.4 | 346.8 | 682.4 |
| 85° | 47.2 | 49.3 | 62.6 | 68.7 | 71.8 | 71.8 | 71.8 | 75.9 | 87.2 | 102.6 | 176.5 |
| 87.5° | 17.4 | 18.5 | 28.7 | 38.0 | 39.0 | 36.9 | 34.9 | 40.0 | 36.9 | 38.0 | 57.5 |
| 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: P141162

CATALOG NUMBER: CEM-E03-LED-E-U-SL3-7060

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 67° | 70° | 75° | 80° | 85° | 90° | 95° | 100° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 945.0 | 945.0 | 945.0 | 945.0 | 945.0 | 945.0 | 945.0 | 945.0 | 945.0 | 945.0 | 945.0 |
| 2.5° | 973.8 | 969.7 | 965.6 | 964.5 | 961.5 | 959.4 | 954.3 | 950.2 | 946.1 | 943.0 | 939.9 |
| 5° | 1012.8 | 1004.6 | 997.4 | 994.3 | 990.2 | 985.1 | 974.8 | 967.6 | 961.5 | 955.3 | 949.1 |
| 7.5° | 1056.9 | 1046.6 | 1036.4 | 1032.3 | 1026.1 | 1016.9 | 1005.6 | 997.4 | 987.1 | 977.9 | 969.7 |
| 10° | 1106.1 | 1094.9 | 1086.6 | 1082.5 | 1077.4 | 1064.1 | 1056.9 | 1042.5 | 1031.2 | 1018.9 | 1008.7 |
| 12.5° | 1159.5 | 1154.4 | 1143.1 | 1139.0 | 1133.8 | 1124.6 | 1114.4 | 1102.0 | 1087.7 | 1074.3 | 1062.0 |
| 15° | 1207.7 | 1199.5 | 1192.3 | 1191.3 | 1188.2 | 1183.1 | 1169.8 | 1156.4 | 1144.1 | 1126.7 | 1116.4 |
| 17.5° | 1237.5 | 1234.4 | 1233.4 | 1232.4 | 1230.3 | 1227.2 | 1221.1 | 1206.7 | 1195.4 | 1181.0 | 1166.7 |
| 20° | 1256.0 | 1259.0 | 1264.2 | 1268.3 | 1270.3 | 1272.4 | 1269.3 | 1254.9 | 1243.6 | 1231.3 | 1219.0 |
| 22.5° | 1275.4 | 1283.7 | 1297.0 | 1303.2 | 1310.3 | 1320.6 | 1318.5 | 1309.3 | 1303.2 | 1288.8 | 1279.6 |
| 25° | 1303.2 | 1319.6 | 1342.1 | 1350.4 | 1363.7 | 1377.0 | 1380.1 | 1375.0 | 1368.8 | 1358.6 | 1358.6 |
| 27.5° | 1350.4 | 1374.0 | 1403.7 | 1421.2 | 1434.5 | 1453.0 | 1459.1 | 1456.0 | 1457.1 | 1450.9 | 1465.3 |
| 30° | 1424.2 | 1457.1 | 1497.1 | 1515.6 | 1532.0 | 1553.5 | 1557.6 | 1563.8 | 1559.7 | 1571.0 | 1588.4 |
| 32.5° | 1536.1 | 1577.1 | 1618.2 | 1635.6 | 1650.0 | 1672.6 | 1685.9 | 1681.8 | 1696.2 | 1703.3 | 1728.0 |
| 35° | 1708.5 | 1749.5 | 1781.3 | 1784.4 | 1800.8 | 1813.1 | 1825.4 | 1821.3 | 1860.3 | 1875.7 | 1889.1 |
| 37.5° | 1946.5 | 1981.4 | 2000.9 | 1993.7 | 1974.2 | 1997.8 | 2014.2 | 2038.9 | 2063.5 | 2091.2 | 2041.9 |
| 40° | 2255.4 | 2310.8 | 2302.6 | 2292.3 | 2255.4 | 2260.5 | 2267.7 | 2281.0 | 2322.1 | 2312.8 | 2172.3 |
| 42.5° | 2548.8 | 2605.3 | 2596.0 | 2584.8 | 2535.5 | 2509.9 | 2529.3 | 2553.0 | 2575.5 | 2488.3 | 2279.0 |
| 45° | 2845.4 | 2896.7 | 2852.6 | 2868.0 | 2823.8 | 2812.6 | 2850.5 | 2863.9 | 2838.2 | 2678.1 | 2369.3 |
| 47.5° | 3153.2 | 3208.6 | 3187.1 | 3171.7 | 3139.9 | 3136.8 | 3158.4 | 3178.9 | 3077.3 | 2815.6 | 2437.0 |
| 50° | 3389.2 | 3471.3 | 3460.0 | 3450.8 | 3415.9 | 3411.8 | 3463.1 | 3477.5 | 3294.8 | 2961.3 | 2504.7 |
| 52.5° | 3570.8 | 3677.6 | 3698.1 | 3685.8 | 3677.6 | 3679.6 | 3827.4 | 3805.8 | 3553.4 | 3137.8 | 2583.7 |
| 55° | 3785.3 | 3896.1 | 3971.0 | 3986.4 | 4006.9 | 4036.7 | 4329.1 | 4297.3 | 3910.5 | 3392.3 | 2666.8 |
| 57.5° | 4069.5 | 4274.8 | 4387.6 | 4457.4 | 4513.8 | 4706.7 | 5078.2 | 4956.1 | 4405.1 | 3720.7 | 2765.4 |
| 60° | 4488.2 | 4895.5 | 5129.5 | 5307.0 | 5418.9 | 5755.4 | 6205.9 | 5756.5 | 4979.7 | 4114.7 | 2894.6 |
| 62.5° | 5160.3 | 5825.2 | 6272.6 | 6373.1 | 6420.3 | 6740.5 | 7062.7 | 6369.0 | 5394.2 | 4375.3 | 2915.2 |
| 65° | 5811.9 | 6643.0 | 7165.3 | 7223.8 | 7188.9 | 7275.1 | 7365.4 | 6387.5 | 5297.8 | 4252.2 | 2675.1 |
| 67° | 6041.7 | 6835.9 | 7384.9 | 7455.7 | 7353.1 | 7325.4 | 7187.9 | 6050.9 | 4937.6 | 3874.6 | 2340.5 |
| 67.5° | 6029.4 | 6813.3 | 7382.8 | 7454.7 | 7353.1 | 7308.9 | 7106.8 | 5915.5 | 4796.0 | 3782.2 | 2275.9 |
| 70° | 5557.4 | 6310.5 | 6944.7 | 7079.1 | 7022.7 | 6905.7 | 6368.0 | 5010.5 | 3974.1 | 3102.9 | 1754.6 |
| 72.5° | 4511.8 | 5325.5 | 5828.3 | 5977.1 | 6017.1 | 5716.4 | 4742.7 | 3507.2 | 2864.9 | 2217.4 | 1272.4 |
| 75° | 3029.1 | 3837.6 | 4249.1 | 4174.2 | 3931.0 | 3419.0 | 2503.7 | 1850.1 | 1569.9 | 1289.8 | 787.0 |
| 77.5° | 1717.7 | 2341.6 | 2309.8 | 2180.5 | 1975.3 | 1462.2 | 710.1 | 384.8 | 367.3 | 428.9 | 333.5 |
| 80° | 1147.2 | 1443.7 | 1542.2 | 1592.5 | 1581.2 | 1081.5 | 293.5 | 148.8 | 128.3 | 128.3 | 126.2 |
| 82.5° | 957.4 | 1247.7 | 1412.9 | 1457.1 | 1357.5 | 821.9 | 175.5 | 97.5 | 78.0 | 87.2 | 97.5 |
| 85° | 403.3 | 629.0 | 832.2 | 800.4 | 636.2 | 320.1 | 89.3 | 51.3 | 51.3 | 67.7 | 85.2 |
| 87.5° | 97.5 | 144.7 | 204.2 | 198.0 | 159.0 | 73.9 | 45.1 | 31.8 | 31.8 | 52.3 | 73.9 |
| 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: P141162

CATALOG NUMBER: CEM-E03-LED-E-U-SL3-7060

CANDELA DISTRIBUTION (continued):

| | 105° | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 945.0 | 945.0 | 945.0 | 945.0 | 945.0 | 945.0 | 945.0 | 945.0 | 945.0 | 945.0 | 945.0 |
| 2.5° | 938.9 | 934.8 | 934.8 | 930.7 | 928.6 | 926.6 | 925.5 | 926.6 | 923.5 | 920.4 | 921.4 |
| 5° | 944.0 | 937.9 | 934.8 | 927.6 | 923.5 | 919.4 | 916.3 | 915.3 | 910.2 | 907.1 | 907.1 |
| 7.5° | 961.5 | 953.3 | 947.1 | 938.9 | 930.7 | 924.5 | 919.4 | 916.3 | 909.1 | 904.0 | 903.0 |
| 10° | 997.4 | 986.1 | 976.9 | 964.5 | 953.3 | 945.0 | 935.8 | 930.7 | 922.5 | 917.3 | 915.3 |
| 12.5° | 1050.7 | 1034.3 | 1019.9 | 1001.5 | 988.1 | 975.8 | 970.7 | 962.5 | 959.4 | 956.3 | 957.4 |
| 15° | 1101.0 | 1081.5 | 1068.2 | 1053.8 | 1038.4 | 1031.2 | 1021.0 | 1019.9 | 1021.0 | 1015.8 | 1015.8 |
| 17.5° | 1152.3 | 1136.9 | 1121.5 | 1116.4 | 1102.0 | 1096.9 | 1089.7 | 1085.6 | 1076.4 | 1067.1 | 1055.9 |
| 20° | 1205.7 | 1197.5 | 1191.3 | 1185.2 | 1182.1 | 1169.8 | 1151.3 | 1129.7 | 1100.0 | 1073.3 | 1050.7 |
| 22.5° | 1274.4 | 1269.3 | 1270.3 | 1265.2 | 1248.8 | 1218.0 | 1175.9 | 1130.8 | 1082.5 | 1039.4 | 1005.6 |
| 25° | 1361.6 | 1366.8 | 1360.6 | 1335.0 | 1287.8 | 1225.2 | 1160.5 | 1096.9 | 1033.3 | 982.0 | 935.8 |
| 27.5° | 1472.5 | 1468.4 | 1439.6 | 1374.0 | 1292.9 | 1203.6 | 1120.5 | 1044.6 | 968.6 | 909.1 | 851.7 |
| 30° | 1593.5 | 1563.8 | 1488.9 | 1386.3 | 1272.4 | 1164.6 | 1062.0 | 973.8 | 885.5 | 815.8 | 751.1 |
| 32.5° | 1715.6 | 1630.5 | 1509.4 | 1371.9 | 1236.5 | 1109.2 | 994.3 | 890.7 | 789.1 | 711.1 | 636.2 |
| 35° | 1808.0 | 1671.5 | 1506.3 | 1341.1 | 1182.1 | 1036.4 | 903.0 | 774.7 | 656.7 | 563.3 | 487.4 |
| 37.5° | 1893.2 | 1694.1 | 1485.8 | 1293.9 | 1107.2 | 939.9 | 773.7 | 635.2 | 516.1 | 422.8 | 357.1 |
| 40° | 1945.5 | 1692.0 | 1445.8 | 1215.9 | 1003.5 | 798.3 | 617.7 | 475.1 | 370.4 | 301.7 | 265.8 |
| 42.5° | 1976.3 | 1670.5 | 1377.0 | 1112.3 | 860.9 | 639.3 | 455.6 | 327.3 | 263.7 | 234.0 | 217.5 |
| 45° | 1991.7 | 1624.3 | 1291.9 | 973.8 | 688.5 | 456.6 | 314.0 | 236.0 | 210.4 | 202.1 | 198.0 |
| 47.5° | 1982.4 | 1559.7 | 1169.8 | 817.8 | 513.1 | 313.0 | 224.7 | 199.1 | 190.9 | 186.8 | 185.7 |
| 50° | 1960.9 | 1475.5 | 1041.5 | 648.5 | 364.3 | 224.7 | 188.8 | 181.6 | 178.5 | 177.5 | 175.5 |
| 52.5° | 1930.1 | 1376.0 | 894.8 | 502.8 | 258.6 | 186.8 | 176.5 | 173.4 | 171.4 | 168.3 | 167.3 |
| 55° | 1878.8 | 1252.9 | 745.0 | 370.4 | 207.3 | 176.5 | 171.4 | 170.3 | 166.2 | 163.2 | 161.1 |
| 57.5° | 1817.2 | 1121.5 | 603.4 | 290.4 | 190.9 | 172.4 | 169.3 | 168.3 | 164.2 | 160.1 | 156.0 |
| 60° | 1786.4 | 1029.2 | 496.6 | 251.4 | 187.8 | 174.4 | 172.4 | 170.3 | 165.2 | 159.0 | 153.9 |
| 62.5° | 1710.5 | 929.7 | 427.9 | 239.1 | 191.9 | 181.6 | 180.6 | 176.5 | 169.3 | 163.2 | 154.9 |
| 65° | 1514.5 | 789.1 | 364.3 | 226.8 | 198.0 | 192.9 | 195.0 | 189.8 | 181.6 | 171.4 | 158.0 |
| 67° | 1279.6 | 641.3 | 307.8 | 217.5 | 205.2 | 208.3 | 211.4 | 208.3 | 195.0 | 179.6 | 162.1 |
| 67.5° | 1215.9 | 597.2 | 292.4 | 214.5 | 207.3 | 211.4 | 216.5 | 213.4 | 199.1 | 181.6 | 164.2 |
| 70° | 914.3 | 427.9 | 231.9 | 203.2 | 214.5 | 225.7 | 236.0 | 235.0 | 220.6 | 199.1 | 171.4 |
| 72.5° | 632.1 | 292.4 | 187.8 | 189.8 | 208.3 | 228.8 | 242.2 | 248.3 | 234.0 | 208.3 | 175.5 |
| 75° | 380.7 | 186.8 | 158.0 | 171.4 | 189.8 | 210.4 | 231.9 | 234.0 | 217.5 | 191.9 | 164.2 |
| 77.5° | 186.8 | 134.4 | 130.3 | 135.4 | 152.9 | 170.3 | 179.6 | 168.3 | 158.0 | 140.6 | 130.3 |
| 80° | 112.9 | 105.7 | 103.6 | 114.9 | 125.2 | 122.1 | 114.9 | 105.7 | 100.6 | 96.5 | 92.3 |
| 82.5° | 94.4 | 95.4 | 97.5 | 99.5 | 97.5 | 86.2 | 73.9 | 67.7 | 63.6 | 63.6 | 64.6 |
| 85° | 96.5 | 98.5 | 90.3 | 83.1 | 73.9 | 61.6 | 50.3 | 43.1 | 44.1 | 45.1 | 45.1 |
| 87.5° | 74.9 | 71.8 | 63.6 | 52.3 | 42.1 | 30.8 | 24.6 | 20.5 | 22.6 | 21.5 | 23.6 |
| 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: P141162

CATALOG NUMBER: CEM-E03-LED-E-U-SL3-7060

CANDELA DISTRIBUTION (continued):

| | 160° | 165° | 170° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|
| 0° | 945.0 | 945.0 | 945.0 | 945.0 | 945.0 |
| 2.5° | 921.4 | 920.4 | 921.4 | 921.4 | 922.5 |
| 5° | 905.0 | 903.0 | 903.0 | 904.0 | 904.0 |
| 7.5° | 900.9 | 898.9 | 898.9 | 899.9 | 898.9 |
| 10° | 915.3 | 914.3 | 916.3 | 915.3 | 915.3 |
| 12.5° | 958.4 | 958.4 | 962.5 | 964.5 | 962.5 |
| 15° | 1016.9 | 1014.8 | 1017.9 | 1018.9 | 1019.9 |
| 17.5° | 1049.7 | 1040.5 | 1037.4 | 1039.4 | 1035.3 |
| 20° | 1031.2 | 1015.8 | 1009.7 | 1008.7 | 1001.5 |
| 22.5° | 978.9 | 956.3 | 947.1 | 943.0 | 934.8 |
| 25° | 905.0 | 878.3 | 866.0 | 855.8 | 850.6 |
| 27.5° | 816.8 | 783.9 | 766.5 | 758.3 | 755.2 |
| 30° | 706.0 | 674.2 | 648.5 | 635.2 | 631.1 |
| 32.5° | 582.8 | 536.7 | 510.0 | 493.6 | 482.3 |
| 35° | 435.1 | 390.9 | 371.5 | 359.1 | 344.8 |
| 37.5° | 316.0 | 289.4 | 272.9 | 264.7 | 261.7 |
| 40° | 244.2 | 230.9 | 222.7 | 221.6 | 220.6 |
| 42.5° | 211.4 | 205.2 | 204.2 | 202.1 | 200.1 |
| 45° | 195.0 | 192.9 | 193.9 | 190.9 | 188.8 |
| 47.5° | 183.7 | 182.6 | 182.6 | 180.6 | 179.6 |
| 50° | 174.4 | 174.4 | 173.4 | 172.4 | 172.4 |
| 52.5° | 166.2 | 167.3 | 167.3 | 165.2 | 165.2 |
| 55° | 159.0 | 159.0 | 160.1 | 159.0 | 159.0 |
| 57.5° | 153.9 | 152.9 | 153.9 | 153.9 | 153.9 |
| 60° | 150.8 | 148.8 | 147.8 | 148.8 | 148.8 |
| 62.5° | 147.8 | 144.7 | 143.7 | 143.7 | 144.7 |
| 65° | 147.8 | 142.6 | 140.6 | 140.6 | 139.6 |
| 67° | 148.8 | 140.6 | 136.5 | 134.4 | 133.4 |
| 67.5° | 148.8 | 139.6 | 134.4 | 133.4 | 132.4 |
| 70° | 148.8 | 135.4 | 128.3 | 123.1 | 123.1 |
| 72.5° | 147.8 | 131.3 | 120.1 | 114.9 | 112.9 |
| 75° | 140.6 | 124.2 | 113.9 | 107.7 | 105.7 |
| 77.5° | 118.0 | 107.7 | 102.6 | 97.5 | 96.5 |
| 80° | 89.3 | 84.1 | 80.0 | 68.7 | 63.6 |
| 82.5° | 63.6 | 60.5 | 53.4 | 49.3 | 46.2 |
| 85° | 45.1 | 42.1 | 39.0 | 34.9 | 34.9 |
| 87.5° | 24.6 | 23.6 | 22.6 | 20.5 | 18.5 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)