

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: P141481

Luminaire Tested: **CEM-E03-LED-E-U-SLL-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P141481
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33693)
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-SLL-7050
Description: EPIC CLASSICAL MEDIUM DECORATIVE LED LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (63) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8051.4 lumens
Efficiency: N/A
Efficacy: 107.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G3

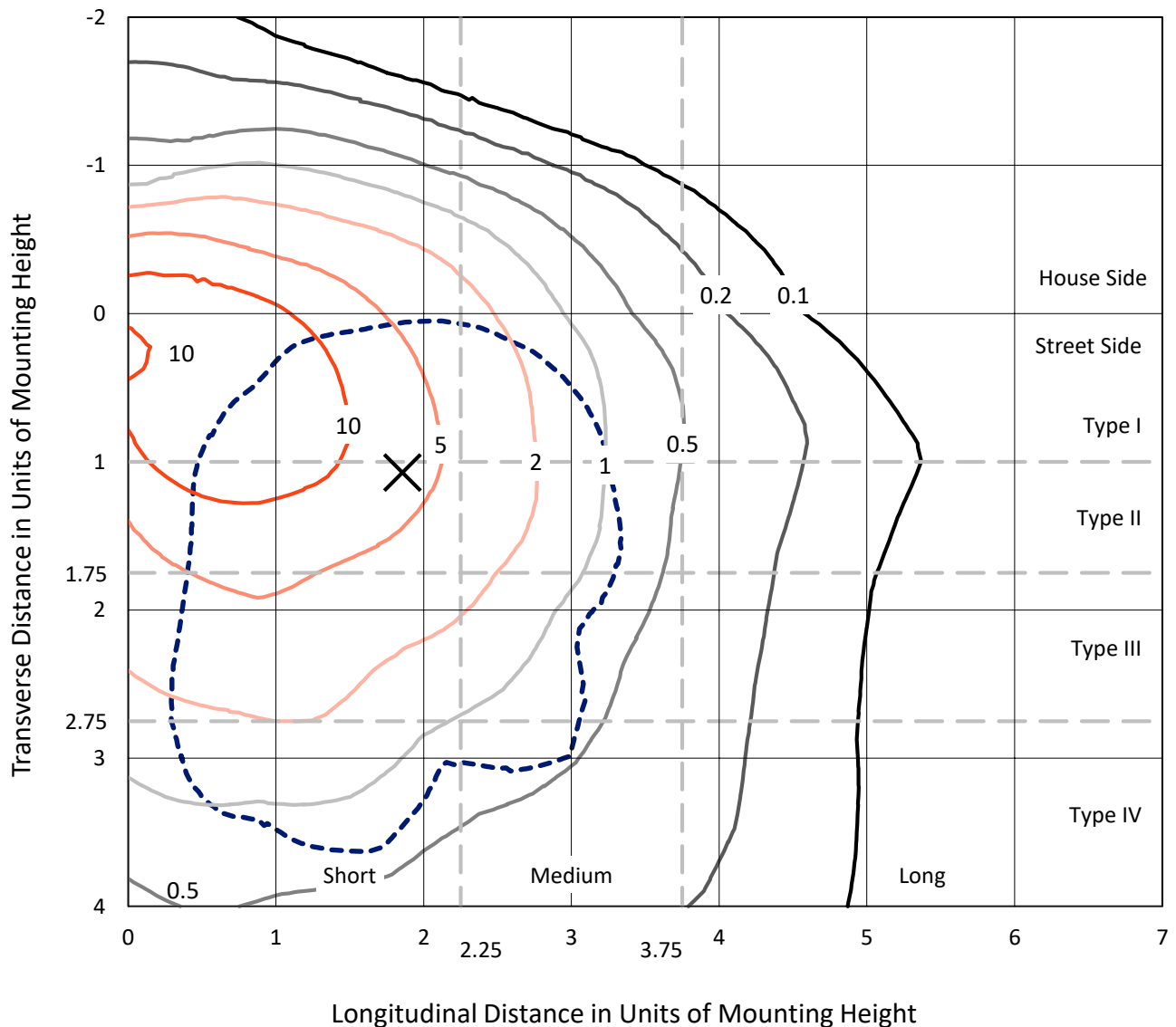
Input Watts (W): 75.2
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P141481
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Iso-Footcandle Lines of Horizontal Illumination

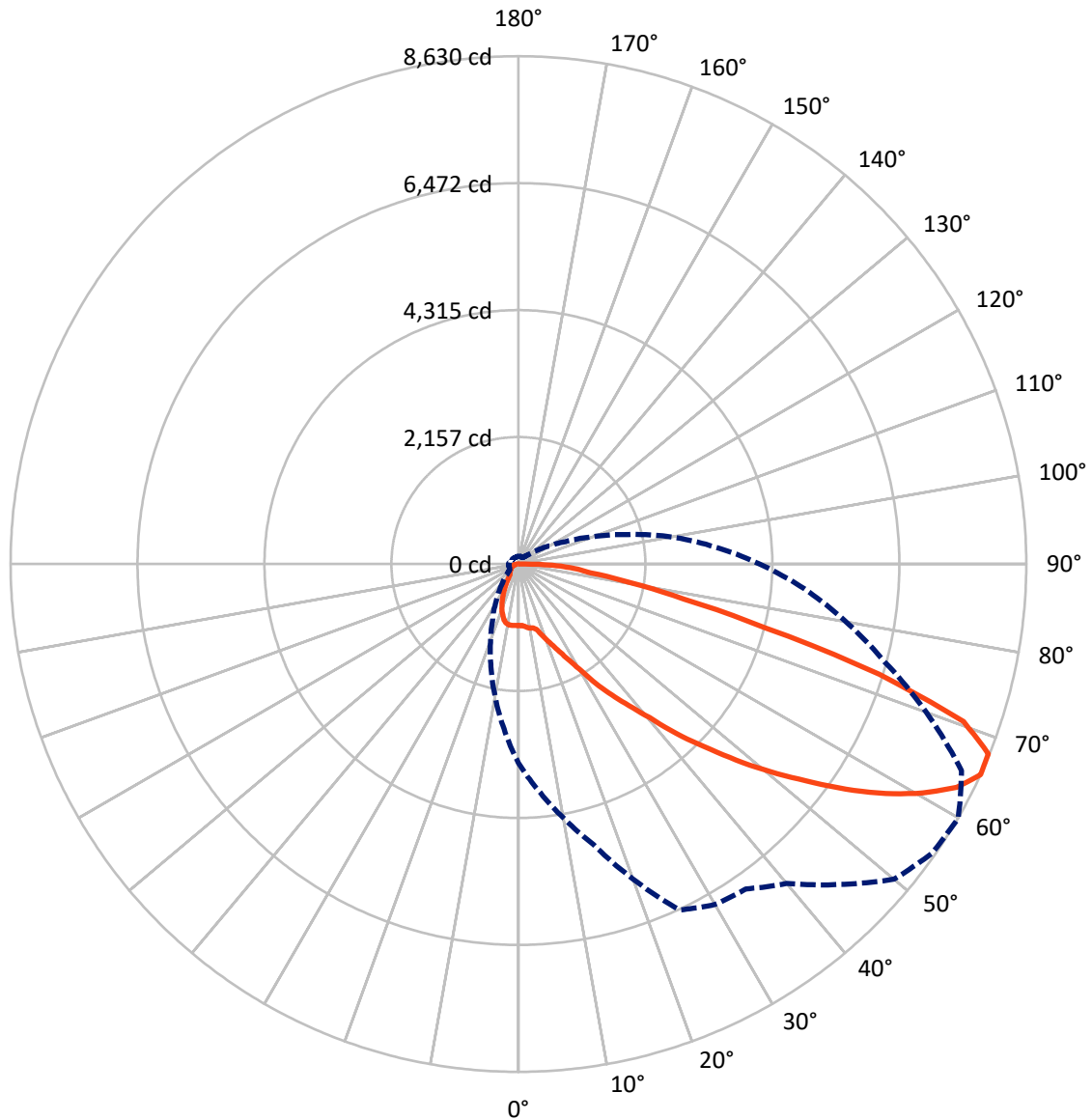
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 17 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 60-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical



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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1493.4 | 0.0 | 1493.4 |
| | % Fixture | 18.5 | 0.0 | 18.5 |
| Street Side | Lumens | 6558.1 | 0.0 | 6558.1 |
| | % Fixture | 81.5 | 0.0 | 81.5 |
| Total | Lumens | 8051.4 | 0.0 | 8051.4 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 101.3 | 1.3 |
| 10°-20° | 304.1 | 3.8 |
| 20°-30° | 505.3 | 6.3 |
| 30°-40° | 738.6 | 9.2 |
| 40°-50° | 1123.6 | 14.0 |
| 50°-60° | 1615.1 | 20.1 |
| 60°-70° | 1985.7 | 24.7 |
| 70°-80° | 1328.4 | 16.5 |
| 80°-90° | 349.5 | 4.3 |
| 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° | 8051.4 | 100.0 |
| 0°-180° | 8051.4 | 100.0 |

Coefficient of Utilization



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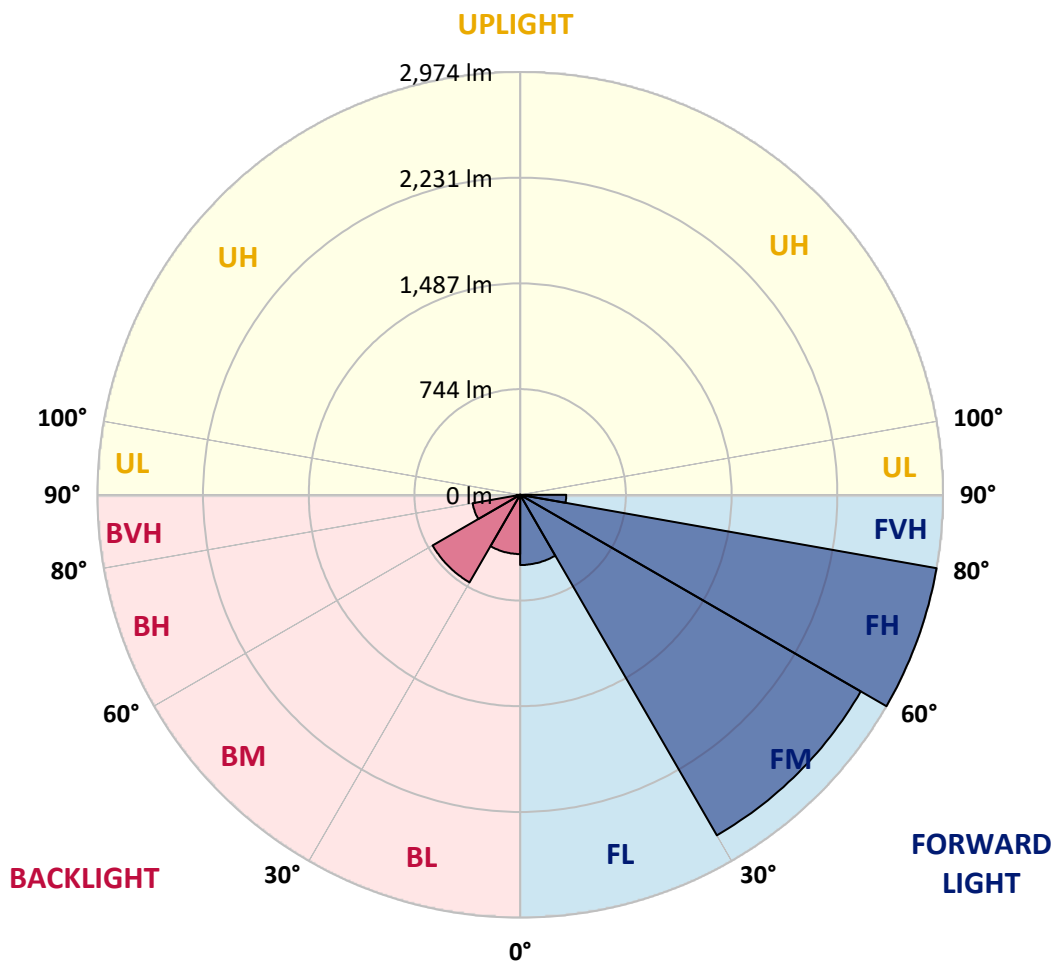
CATALOG NUMBER: CEM-E03-LED-E-U-SLL-7050

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 493.9 | 6.1 | | | |
| FM | (30°-60°) | 2766.0 | 34.4 | | | |
| FH | (60°-80°) | 2974.2 | 36.9 | | | G2/5000 |
| FVH | (80°-90°) | 324.1 | 4.0 | | | G3/500 |
| BL | (0°-30°) | 416.8 | 5.2 | B1/500 | | |
| BM | (30°-60°) | 711.3 | 8.8 | B1/1000 | | |
| BH | (60°-80°) | 339.9 | 4.2 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 25.4 | 0.3 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B1-U0-G3

Type IV Short





REPORT NUMBER: P141481

CATALOG NUMBER: CEM-E03-LED-E-U-SLL-7050

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 |
| 2.5° | 1047.7 | 1048.7 | 1048.7 | 1047.7 | 1046.6 | 1047.7 | 1045.6 | 1047.7 | 1046.6 | 1045.6 | 1046.6 |
| 5° | 1034.3 | 1035.3 | 1037.4 | 1037.4 | 1039.4 | 1043.5 | 1044.6 | 1049.7 | 1052.8 | 1053.8 | 1057.9 |
| 7.5° | 1002.5 | 1007.6 | 1010.7 | 1014.8 | 1021.0 | 1031.2 | 1038.4 | 1050.7 | 1060.0 | 1068.2 | 1079.5 |
| 10° | 983.0 | 989.2 | 995.3 | 1004.6 | 1013.8 | 1027.1 | 1039.4 | 1054.8 | 1067.1 | 1079.5 | 1092.8 |
| 12.5° | 988.1 | 995.3 | 1003.5 | 1010.7 | 1025.1 | 1037.4 | 1052.8 | 1071.3 | 1077.4 | 1089.7 | 1101.0 |
| 15° | 1030.2 | 1036.4 | 1042.5 | 1050.7 | 1064.1 | 1078.4 | 1099.0 | 1119.5 | 1123.6 | 1136.9 | 1149.2 |
| 17.5° | 1086.6 | 1087.7 | 1097.9 | 1112.3 | 1124.6 | 1148.2 | 1172.8 | 1200.5 | 1218.0 | 1226.2 | 1233.4 |
| 20° | 1145.1 | 1148.2 | 1164.6 | 1178.0 | 1205.7 | 1236.5 | 1272.4 | 1313.4 | 1327.8 | 1363.7 | 1377.0 |
| 22.5° | 1232.4 | 1231.3 | 1250.8 | 1269.3 | 1300.1 | 1332.9 | 1385.2 | 1441.7 | 1474.5 | 1502.2 | 1512.5 |
| 25° | 1364.7 | 1367.8 | 1364.7 | 1391.4 | 1423.2 | 1476.6 | 1528.9 | 1585.3 | 1604.8 | 1653.1 | 1675.6 |
| 27.5° | 1496.1 | 1519.7 | 1551.5 | 1559.7 | 1598.7 | 1660.2 | 1701.3 | 1761.8 | 1809.0 | 1822.4 | 1859.3 |
| 30° | 1618.2 | 1667.4 | 1719.8 | 1763.9 | 1833.7 | 1908.6 | 1970.1 | 2038.9 | 2041.9 | 2066.6 | 2076.8 |
| 32.5° | 1742.3 | 1819.3 | 1896.2 | 1952.7 | 2020.4 | 2119.9 | 2233.8 | 2345.7 | 2418.5 | 2493.4 | 2455.5 |
| 35° | 1898.3 | 2018.3 | 2126.1 | 2213.3 | 2270.8 | 2363.1 | 2494.5 | 2676.1 | 2793.1 | 2882.3 | 2933.6 |
| 37.5° | 2040.9 | 2222.5 | 2387.7 | 2511.9 | 2652.5 | 2718.2 | 2804.3 | 2935.7 | 3070.1 | 3153.2 | 3196.3 |
| 40° | 2145.6 | 2393.9 | 2627.9 | 2807.4 | 2986.0 | 3143.0 | 3251.7 | 3358.4 | 3540.1 | 3643.7 | 3651.9 |
| 42.5° | 2227.7 | 2543.7 | 2825.9 | 3083.4 | 3346.1 | 3565.7 | 3697.1 | 3832.5 | 4063.4 | 4183.4 | 4174.2 |
| 45° | 2284.1 | 2655.6 | 3005.5 | 3322.5 | 3640.6 | 3926.9 | 4180.4 | 4381.5 | 4617.5 | 4846.3 | 4800.1 |
| 47.5° | 2333.4 | 2747.9 | 3148.1 | 3506.2 | 3887.9 | 4245.0 | 4561.0 | 4844.2 | 5156.2 | 5465.0 | 5483.5 |
| 50° | 2382.6 | 2822.8 | 3277.4 | 3689.9 | 4119.8 | 4568.2 | 4949.9 | 5314.2 | 5704.1 | 6097.1 | 6187.4 |
| 52.5° | 2450.3 | 2907.0 | 3397.4 | 3857.1 | 4356.8 | 4829.9 | 5255.7 | 5709.3 | 6191.5 | 6571.2 | 6827.7 |
| 55° | 2551.9 | 3023.9 | 3546.2 | 4024.4 | 4569.2 | 5090.5 | 5561.5 | 6084.8 | 6528.1 | 6997.0 | 7362.3 |
| 57.5° | 2718.2 | 3179.9 | 3718.6 | 4207.0 | 4774.5 | 5326.5 | 5816.0 | 6364.9 | 6787.7 | 7307.9 | 7766.6 |
| 60° | 2928.5 | 3392.3 | 3913.6 | 4423.5 | 5015.6 | 5657.9 | 6151.5 | 6557.8 | 6981.6 | 7508.0 | 8060.1 |
| 62.5° | 3167.6 | 3632.4 | 4151.6 | 4678.0 | 5351.1 | 6046.8 | 6470.6 | 6702.5 | 7071.9 | 7645.5 | 8249.9 |
| 65° | 3377.9 | 3857.1 | 4375.3 | 4933.5 | 5694.9 | 6486.0 | 6681.0 | 6739.5 | 7085.3 | 7700.9 | 8332.0 |
| 67.5° | 3550.3 | 4101.3 | 4584.6 | 5140.8 | 6057.1 | 6765.1 | 6685.1 | 6568.1 | 6903.6 | 7566.5 | 8175.0 |
| 70° | 3640.6 | 4210.1 | 4684.2 | 5159.3 | 6134.1 | 6804.1 | 6524.0 | 6205.9 | 6358.8 | 7007.3 | 7516.2 |
| 72.5° | 3541.1 | 4124.9 | 4499.5 | 4795.0 | 5673.3 | 6323.9 | 5966.8 | 5366.5 | 5506.1 | 6134.1 | 6265.4 |
| 75° | 3151.2 | 3856.1 | 4074.7 | 4064.4 | 4537.4 | 4874.0 | 4615.4 | 4232.7 | 4588.7 | 4850.4 | 4716.0 |
| 77.5° | 2352.9 | 3158.4 | 3280.5 | 3055.7 | 3156.3 | 3439.5 | 3195.3 | 3492.9 | 3924.9 | 4042.9 | 3788.4 |
| 80° | 1479.6 | 2314.9 | 2328.2 | 2048.1 | 1994.7 | 2105.6 | 2420.6 | 3053.7 | 3466.2 | 3441.6 | 3105.0 |
| 82.5° | 824.0 | 1501.2 | 1643.8 | 1387.3 | 1321.6 | 1593.5 | 2155.8 | 2492.4 | 2438.0 | 2417.5 | 1979.4 |
| 85° | 563.3 | 1025.1 | 1252.9 | 1201.6 | 1328.8 | 1589.4 | 1768.0 | 1580.2 | 1521.7 | 1296.0 | 1051.8 |
| 87.5° | 228.8 | 461.7 | 776.8 | 892.7 | 947.1 | 1162.6 | 1017.9 | 829.1 | 638.2 | 605.4 | 520.2 |
| 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: P141481

CATALOG NUMBER: CEM-E03-LED-E-U-SLL-7050

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 |
| 2.5° | 1043.5 | 1045.6 | 1045.6 | 1046.6 | 1047.7 | 1048.7 | 1048.7 | 1048.7 | 1049.7 | 1050.7 | 1049.7 |
| 5° | 1058.9 | 1062.0 | 1064.1 | 1064.1 | 1066.1 | 1068.2 | 1070.2 | 1069.2 | 1072.3 | 1074.3 | 1075.4 |
| 7.5° | 1083.6 | 1089.7 | 1094.9 | 1099.0 | 1101.0 | 1101.0 | 1101.0 | 1097.9 | 1101.0 | 1102.0 | 1103.1 |
| 10° | 1101.0 | 1108.2 | 1109.2 | 1113.3 | 1112.3 | 1111.3 | 1109.2 | 1107.2 | 1108.2 | 1110.2 | 1113.3 |
| 12.5° | 1106.1 | 1113.3 | 1115.4 | 1118.5 | 1117.4 | 1116.4 | 1112.3 | 1112.3 | 1111.3 | 1114.4 | 1117.4 |
| 15° | 1148.2 | 1154.4 | 1164.6 | 1155.4 | 1156.4 | 1148.2 | 1141.0 | 1136.9 | 1134.9 | 1136.9 | 1139.0 |
| 17.5° | 1244.7 | 1254.9 | 1250.8 | 1236.5 | 1235.4 | 1218.0 | 1214.9 | 1194.4 | 1194.4 | 1194.4 | 1188.2 |
| 20° | 1377.0 | 1376.0 | 1368.8 | 1354.5 | 1323.7 | 1317.5 | 1294.9 | 1278.5 | 1263.1 | 1260.1 | 1252.9 |
| 22.5° | 1521.7 | 1506.3 | 1502.2 | 1472.5 | 1453.0 | 1416.0 | 1382.2 | 1369.9 | 1355.5 | 1352.4 | 1351.4 |
| 25° | 1662.3 | 1668.4 | 1638.7 | 1624.3 | 1575.1 | 1542.2 | 1522.7 | 1492.0 | 1492.0 | 1487.9 | 1482.7 |
| 27.5° | 1838.8 | 1859.3 | 1826.5 | 1805.9 | 1759.8 | 1713.6 | 1679.7 | 1661.3 | 1641.8 | 1628.4 | 1591.5 |
| 30° | 2088.1 | 2101.5 | 2078.9 | 2036.8 | 1979.4 | 1897.3 | 1851.1 | 1830.6 | 1794.7 | 1749.5 | 1689.0 |
| 32.5° | 2439.1 | 2420.6 | 2343.6 | 2269.7 | 2194.8 | 2116.9 | 2061.4 | 2024.5 | 1969.1 | 1878.8 | 1763.9 |
| 35° | 2893.6 | 2734.6 | 2638.1 | 2536.5 | 2450.3 | 2363.1 | 2321.1 | 2254.4 | 2128.1 | 1981.4 | 1827.5 |
| 37.5° | 3117.3 | 3046.5 | 2935.7 | 2859.8 | 2757.1 | 2669.9 | 2574.5 | 2460.6 | 2297.5 | 2087.1 | 1873.7 |
| 40° | 3565.7 | 3432.3 | 3346.1 | 3259.9 | 3133.7 | 3014.7 | 2885.4 | 2701.7 | 2439.1 | 2177.4 | 1909.6 |
| 42.5° | 4036.7 | 3938.2 | 3782.2 | 3667.3 | 3572.9 | 3375.9 | 3170.7 | 2914.1 | 2583.7 | 2259.5 | 1942.4 |
| 45° | 4650.3 | 4424.6 | 4231.7 | 4134.2 | 3948.5 | 3708.3 | 3469.3 | 3102.9 | 2717.1 | 2345.7 | 1979.4 |
| 47.5° | 5267.0 | 4976.6 | 4777.5 | 4595.9 | 4397.9 | 4075.7 | 3703.2 | 3267.1 | 2819.7 | 2417.5 | 2010.1 |
| 50° | 5928.8 | 5546.1 | 5316.3 | 5098.7 | 4772.4 | 4382.5 | 3908.4 | 3402.6 | 2926.5 | 2485.2 | 2037.8 |
| 52.5° | 6602.0 | 6118.7 | 5790.3 | 5536.9 | 5132.6 | 4650.3 | 4094.2 | 3543.1 | 3040.4 | 2550.9 | 2060.4 |
| 55° | 7207.4 | 6753.8 | 6330.0 | 5939.1 | 5452.7 | 4892.5 | 4264.5 | 3669.4 | 3143.0 | 2619.6 | 2074.8 |
| 57.5° | 7756.3 | 7361.3 | 6855.4 | 6331.1 | 5747.2 | 5117.2 | 4421.5 | 3805.8 | 3239.4 | 2669.9 | 2073.8 |
| 60° | 8132.9 | 7902.0 | 7376.7 | 6737.4 | 6055.0 | 5323.4 | 4610.3 | 3957.7 | 3324.6 | 2705.8 | 2065.6 |
| 62.5° | 8403.8 | 8357.6 | 7899.0 | 7128.4 | 6306.4 | 5509.2 | 4792.9 | 4083.9 | 3386.1 | 2709.9 | 2030.7 |
| 65° | 8573.1 | 8629.5 | 8307.3 | 7376.7 | 6447.0 | 5650.8 | 4883.2 | 4095.2 | 3342.0 | 2642.2 | 1938.3 |
| 67.5° | 8466.4 | 8612.1 | 8305.3 | 7268.9 | 6312.6 | 5518.4 | 4750.9 | 3906.4 | 3107.0 | 2431.9 | 1731.0 |
| 70° | 7804.6 | 8023.1 | 7720.4 | 6554.8 | 5654.9 | 5007.4 | 4263.5 | 3355.4 | 2673.0 | 2003.0 | 1367.8 |
| 72.5° | 6121.7 | 6410.1 | 6145.3 | 5346.0 | 4681.1 | 4139.3 | 3587.3 | 2635.0 | 2037.8 | 1471.4 | 919.4 |
| 75° | 4223.4 | 4334.3 | 4176.2 | 3624.2 | 3420.0 | 3208.6 | 2692.5 | 1771.1 | 1346.3 | 908.1 | 540.8 |
| 77.5° | 3276.4 | 2875.1 | 2572.4 | 2346.7 | 2342.6 | 2303.6 | 1761.8 | 1060.0 | 805.5 | 499.7 | 300.6 |
| 80° | 2463.7 | 1934.2 | 1596.6 | 1396.5 | 1451.9 | 1623.3 | 1027.1 | 543.8 | 416.6 | 276.0 | 184.7 |
| 82.5° | 1621.2 | 1234.4 | 985.1 | 872.2 | 881.4 | 1017.9 | 516.1 | 299.6 | 205.2 | 157.0 | 120.1 |
| 85° | 988.1 | 959.4 | 855.8 | 776.8 | 716.2 | 699.8 | 401.2 | 229.8 | 113.9 | 81.1 | 61.6 |
| 87.5° | 482.3 | 571.5 | 697.8 | 707.0 | 607.5 | 515.1 | 208.3 | 65.7 | 48.2 | 25.7 | 18.5 |
| 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: P141481

CATALOG NUMBER: CEM-E03-LED-E-U-SLL-7050

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 |
| 2.5° | 1050.7 | 1055.9 | 1053.8 | 1052.8 | 1052.8 | 1057.9 | 1057.9 | 1055.9 | 1055.9 | 1056.9 | 1056.9 |
| 5° | 1075.4 | 1080.5 | 1078.4 | 1079.5 | 1081.5 | 1082.5 | 1085.6 | 1082.5 | 1080.5 | 1082.5 | 1081.5 |
| 7.5° | 1104.1 | 1109.2 | 1108.2 | 1110.2 | 1112.3 | 1114.4 | 1116.4 | 1115.4 | 1113.3 | 1113.3 | 1112.3 |
| 10° | 1116.4 | 1126.7 | 1130.8 | 1134.9 | 1140.0 | 1142.1 | 1145.1 | 1145.1 | 1141.0 | 1141.0 | 1135.9 |
| 12.5° | 1124.6 | 1132.8 | 1143.1 | 1149.2 | 1158.5 | 1165.7 | 1168.7 | 1169.8 | 1166.7 | 1162.6 | 1157.4 |
| 15° | 1142.1 | 1148.2 | 1158.5 | 1164.6 | 1175.9 | 1185.2 | 1191.3 | 1190.3 | 1186.2 | 1174.9 | 1159.5 |
| 17.5° | 1185.2 | 1184.1 | 1188.2 | 1192.3 | 1195.4 | 1200.5 | 1198.5 | 1189.3 | 1169.8 | 1149.2 | 1127.7 |
| 20° | 1249.8 | 1248.8 | 1242.6 | 1233.4 | 1222.1 | 1207.7 | 1185.2 | 1157.4 | 1124.6 | 1087.7 | 1054.8 |
| 22.5° | 1341.1 | 1331.9 | 1323.7 | 1299.0 | 1260.1 | 1211.8 | 1153.3 | 1099.0 | 1060.0 | 1024.1 | 988.1 |
| 25° | 1462.2 | 1439.6 | 1399.6 | 1342.1 | 1280.6 | 1208.8 | 1123.6 | 1050.7 | 1001.5 | 959.4 | 923.5 |
| 27.5° | 1538.1 | 1485.8 | 1419.1 | 1340.1 | 1258.0 | 1165.7 | 1071.3 | 999.4 | 944.0 | 897.8 | 856.8 |
| 30° | 1602.8 | 1508.4 | 1415.0 | 1314.4 | 1210.8 | 1115.4 | 1015.8 | 938.9 | 874.2 | 822.9 | 773.7 |
| 32.5° | 1638.7 | 1512.5 | 1395.5 | 1275.4 | 1162.6 | 1053.8 | 946.1 | 863.0 | 801.4 | 737.8 | 670.0 |
| 35° | 1661.3 | 1500.2 | 1358.6 | 1223.1 | 1099.0 | 986.1 | 873.2 | 781.9 | 700.8 | 622.8 | 555.1 |
| 37.5° | 1667.4 | 1479.6 | 1310.3 | 1164.6 | 1023.0 | 899.9 | 793.2 | 686.5 | 605.4 | 521.3 | 443.3 |
| 40° | 1664.3 | 1440.7 | 1249.8 | 1073.3 | 924.5 | 805.5 | 701.9 | 604.4 | 515.1 | 440.2 | 365.3 |
| 42.5° | 1652.0 | 1396.5 | 1178.0 | 998.4 | 848.6 | 734.7 | 639.3 | 540.8 | 460.7 | 380.7 | 317.1 |
| 45° | 1647.9 | 1353.4 | 1123.6 | 940.9 | 797.3 | 685.4 | 592.1 | 496.6 | 412.5 | 336.6 | 272.9 |
| 47.5° | 1638.7 | 1314.4 | 1073.3 | 896.8 | 755.2 | 647.5 | 551.0 | 457.6 | 370.4 | 301.7 | 240.1 |
| 50° | 1618.2 | 1272.4 | 1036.4 | 863.0 | 720.3 | 609.5 | 511.0 | 410.4 | 325.3 | 257.6 | 210.4 |
| 52.5° | 1596.6 | 1245.7 | 1012.8 | 829.1 | 683.4 | 564.4 | 466.9 | 365.3 | 285.3 | 221.6 | 185.7 |
| 55° | 1575.1 | 1225.2 | 981.0 | 789.1 | 635.2 | 518.2 | 419.7 | 326.3 | 251.4 | 197.0 | 171.4 |
| 57.5° | 1551.5 | 1197.5 | 942.0 | 737.8 | 580.8 | 466.9 | 368.4 | 280.1 | 218.6 | 177.5 | 160.1 |
| 60° | 1532.0 | 1158.5 | 874.2 | 665.9 | 507.9 | 395.1 | 305.8 | 234.0 | 185.7 | 160.1 | 152.9 |
| 62.5° | 1480.7 | 1083.6 | 776.8 | 560.3 | 412.5 | 308.9 | 232.9 | 182.6 | 156.0 | 143.7 | 144.7 |
| 65° | 1356.5 | 916.3 | 616.7 | 437.1 | 289.4 | 207.3 | 166.2 | 139.6 | 127.2 | 127.2 | 130.3 |
| 67.5° | 1143.1 | 697.8 | 437.1 | 278.1 | 189.8 | 149.8 | 127.2 | 115.9 | 113.9 | 115.9 | 121.1 |
| 70° | 809.6 | 452.5 | 274.0 | 181.6 | 142.6 | 121.1 | 109.8 | 105.7 | 103.6 | 105.7 | 107.7 |
| 72.5° | 498.7 | 266.8 | 174.4 | 141.6 | 122.1 | 108.8 | 101.6 | 98.5 | 97.5 | 97.5 | 96.5 |
| 75° | 271.9 | 178.5 | 139.6 | 123.1 | 110.8 | 100.6 | 93.4 | 88.2 | 87.2 | 88.2 | 86.2 |
| 77.5° | 173.4 | 139.6 | 124.2 | 113.9 | 102.6 | 89.3 | 83.1 | 79.0 | 79.0 | 78.0 | 75.9 |
| 80° | 135.4 | 124.2 | 113.9 | 103.6 | 86.2 | 75.9 | 69.8 | 68.7 | 67.7 | 66.7 | 66.7 |
| 82.5° | 101.6 | 98.5 | 93.4 | 84.1 | 68.7 | 60.5 | 57.5 | 57.5 | 56.4 | 53.4 | 53.4 |
| 85° | 58.5 | 57.5 | 61.6 | 54.4 | 46.2 | 40.0 | 40.0 | 41.0 | 42.1 | 41.0 | 38.0 |
| 87.5° | 19.5 | 16.4 | 17.4 | 17.4 | 14.4 | 11.3 | 15.4 | 18.5 | 17.4 | 15.4 | 18.5 |
| 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: P141481

CATALOG NUMBER: CEM-E03-LED-E-U-SLL-7050

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 |
| 2.5° | 1053.8 | 1055.9 | 1060.0 | 1055.9 | 1053.8 | 1053.8 | 1051.8 | 1052.8 | 1049.7 | 1046.6 | 1047.7 |
| 5° | 1079.5 | 1077.4 | 1079.5 | 1076.4 | 1070.2 | 1069.2 | 1065.1 | 1065.1 | 1061.0 | 1056.9 | 1054.8 |
| 7.5° | 1108.2 | 1105.1 | 1106.1 | 1100.0 | 1092.8 | 1087.7 | 1082.5 | 1080.5 | 1075.4 | 1069.2 | 1065.1 |
| 10° | 1130.8 | 1127.7 | 1125.6 | 1118.5 | 1109.2 | 1104.1 | 1096.9 | 1092.8 | 1087.7 | 1079.5 | 1075.4 |
| 12.5° | 1145.1 | 1138.0 | 1133.8 | 1121.5 | 1113.3 | 1108.2 | 1100.0 | 1097.9 | 1091.8 | 1084.6 | 1081.5 |
| 15° | 1142.1 | 1125.6 | 1113.3 | 1099.0 | 1087.7 | 1080.5 | 1073.3 | 1071.3 | 1068.2 | 1065.1 | 1058.9 |
| 17.5° | 1091.8 | 1071.3 | 1057.9 | 1028.2 | 1011.7 | 1004.6 | 1003.5 | 1002.5 | 1000.5 | 1000.5 | 993.3 |
| 20° | 1022.0 | 998.4 | 977.9 | 949.1 | 927.6 | 920.4 | 900.9 | 895.8 | 889.6 | 895.8 | 889.6 |
| 22.5° | 959.4 | 929.7 | 906.1 | 882.5 | 856.8 | 836.3 | 810.6 | 798.3 | 780.9 | 776.8 | 778.8 |
| 25° | 892.7 | 855.8 | 826.0 | 798.3 | 770.6 | 741.9 | 718.3 | 700.8 | 689.5 | 674.2 | 659.8 |
| 27.5° | 811.6 | 780.9 | 740.8 | 718.3 | 685.4 | 653.6 | 629.0 | 610.5 | 590.0 | 577.7 | 557.2 |
| 30° | 729.6 | 682.4 | 642.3 | 610.5 | 574.6 | 559.2 | 535.6 | 516.1 | 497.7 | 484.3 | 466.9 |
| 32.5° | 622.8 | 573.6 | 531.5 | 494.6 | 470.0 | 448.4 | 434.0 | 417.6 | 408.4 | 397.1 | 385.8 |
| 35° | 510.0 | 448.4 | 398.1 | 381.7 | 354.0 | 355.0 | 347.8 | 339.6 | 332.5 | 322.2 | 321.2 |
| 37.5° | 384.8 | 336.6 | 303.7 | 283.2 | 279.1 | 272.9 | 274.0 | 272.9 | 270.9 | 267.8 | 267.8 |
| 40° | 304.8 | 261.7 | 240.1 | 236.0 | 236.0 | 235.0 | 234.0 | 234.0 | 234.0 | 231.9 | 230.9 |
| 42.5° | 260.6 | 229.8 | 222.7 | 220.6 | 218.6 | 217.5 | 215.5 | 212.4 | 212.4 | 210.4 | 207.3 |
| 45° | 229.8 | 212.4 | 210.4 | 208.3 | 208.3 | 205.2 | 202.1 | 200.1 | 199.1 | 198.0 | 196.0 |
| 47.5° | 210.4 | 201.1 | 199.1 | 197.0 | 196.0 | 193.9 | 190.9 | 187.8 | 186.8 | 185.7 | 185.7 |
| 50° | 188.8 | 182.6 | 182.6 | 182.6 | 179.6 | 177.5 | 174.4 | 172.4 | 172.4 | 171.4 | 170.3 |
| 52.5° | 173.4 | 170.3 | 169.3 | 168.3 | 166.2 | 163.2 | 161.1 | 160.1 | 159.0 | 160.1 | 159.0 |
| 55° | 166.2 | 164.2 | 163.2 | 161.1 | 159.0 | 156.0 | 153.9 | 150.8 | 149.8 | 151.9 | 151.9 |
| 57.5° | 158.0 | 157.0 | 156.0 | 153.9 | 151.9 | 147.8 | 144.7 | 142.6 | 142.6 | 145.7 | 144.7 |
| 60° | 154.9 | 153.9 | 152.9 | 151.9 | 148.8 | 143.7 | 138.5 | 136.5 | 136.5 | 139.6 | 139.6 |
| 62.5° | 147.8 | 146.7 | 145.7 | 144.7 | 140.6 | 136.5 | 131.3 | 129.3 | 130.3 | 132.4 | 135.4 |
| 65° | 134.4 | 135.4 | 134.4 | 134.4 | 131.3 | 128.3 | 125.2 | 123.1 | 122.1 | 123.1 | 126.2 |
| 67.5° | 122.1 | 123.1 | 123.1 | 123.1 | 122.1 | 119.0 | 117.0 | 113.9 | 111.8 | 112.9 | 113.9 |
| 70° | 110.8 | 111.8 | 112.9 | 112.9 | 110.8 | 107.7 | 104.7 | 101.6 | 100.6 | 101.6 | 101.6 |
| 72.5° | 98.5 | 98.5 | 98.5 | 99.5 | 98.5 | 97.5 | 93.4 | 89.3 | 89.3 | 88.2 | 89.3 |
| 75° | 86.2 | 86.2 | 86.2 | 86.2 | 84.1 | 84.1 | 82.1 | 78.0 | 77.0 | 78.0 | 79.0 |
| 77.5° | 75.9 | 73.9 | 72.9 | 72.9 | 72.9 | 70.8 | 69.8 | 69.8 | 68.7 | 68.7 | 68.7 |
| 80° | 62.6 | 60.5 | 58.5 | 57.5 | 58.5 | 58.5 | 60.5 | 60.5 | 59.5 | 59.5 | 59.5 |
| 82.5° | 49.3 | 45.1 | 44.1 | 44.1 | 42.1 | 44.1 | 48.2 | 53.4 | 51.3 | 52.3 | 52.3 |
| 85° | 35.9 | 31.8 | 29.8 | 29.8 | 27.7 | 31.8 | 36.9 | 41.0 | 39.0 | 41.0 | 40.0 |
| 87.5° | 16.4 | 15.4 | 12.3 | 10.3 | 12.3 | 18.5 | 21.5 | 22.6 | 19.5 | 23.6 | 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: P141481

CATALOG NUMBER: CEM-E03-LED-E-U-SLL-7050

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 |
| 2.5° | 1051.8 | 1047.7 | 1046.6 | 1047.7 | 1045.6 | 1048.7 | 1048.7 | 1047.7 | 1047.7 | 1046.6 | 1048.7 |
| 5° | 1057.9 | 1052.8 | 1049.7 | 1049.7 | 1047.7 | 1050.7 | 1048.7 | 1047.7 | 1046.6 | 1046.6 | 1046.6 |
| 7.5° | 1067.1 | 1060.0 | 1054.8 | 1051.8 | 1047.7 | 1047.7 | 1044.6 | 1041.5 | 1039.4 | 1038.4 | 1038.4 |
| 10° | 1075.4 | 1065.1 | 1056.9 | 1049.7 | 1043.5 | 1038.4 | 1033.3 | 1026.1 | 1024.1 | 1022.0 | 1023.0 |
| 12.5° | 1074.3 | 1063.0 | 1050.7 | 1039.4 | 1025.1 | 1018.9 | 1005.6 | 997.4 | 997.4 | 992.2 | 995.3 |
| 15° | 1051.8 | 1032.3 | 1014.8 | 996.3 | 978.9 | 966.6 | 950.2 | 940.9 | 935.8 | 934.8 | 942.0 |
| 17.5° | 984.0 | 965.6 | 949.1 | 928.6 | 906.1 | 897.8 | 886.6 | 882.5 | 879.4 | 884.5 | 889.6 |
| 20° | 892.7 | 869.1 | 853.7 | 841.4 | 841.4 | 839.4 | 834.2 | 827.0 | 820.9 | 819.9 | 826.0 |
| 22.5° | 763.4 | 754.2 | 757.3 | 749.1 | 749.1 | 745.0 | 753.2 | 739.8 | 747.0 | 740.8 | 743.9 |
| 25° | 655.7 | 651.6 | 649.5 | 648.5 | 648.5 | 655.7 | 654.7 | 656.7 | 649.5 | 653.6 | 652.6 |
| 27.5° | 558.2 | 553.1 | 545.9 | 550.0 | 554.1 | 559.2 | 561.3 | 562.3 | 568.5 | 557.2 | 561.3 |
| 30° | 464.8 | 456.6 | 461.7 | 457.6 | 459.7 | 458.7 | 458.7 | 458.7 | 462.8 | 471.0 | 464.8 |
| 32.5° | 380.7 | 376.6 | 381.7 | 374.5 | 375.6 | 375.6 | 373.5 | 370.4 | 372.5 | 363.2 | 370.4 |
| 35° | 315.0 | 309.9 | 314.0 | 310.9 | 307.8 | 299.6 | 296.5 | 291.4 | 292.4 | 290.4 | 289.4 |
| 37.5° | 263.7 | 262.7 | 259.6 | 259.6 | 257.6 | 256.5 | 251.4 | 252.4 | 253.4 | 255.5 | 255.5 |
| 40° | 227.8 | 226.8 | 225.7 | 227.8 | 228.8 | 229.8 | 231.9 | 234.0 | 237.0 | 240.1 | 243.2 |
| 42.5° | 207.3 | 207.3 | 207.3 | 211.4 | 214.5 | 219.6 | 222.7 | 226.8 | 230.9 | 236.0 | 240.1 |
| 45° | 195.0 | 193.9 | 196.0 | 199.1 | 204.2 | 209.3 | 214.5 | 220.6 | 226.8 | 231.9 | 235.0 |
| 47.5° | 184.7 | 183.7 | 185.7 | 188.8 | 193.9 | 202.1 | 209.3 | 216.5 | 223.7 | 228.8 | 230.9 |
| 50° | 171.4 | 171.4 | 172.4 | 175.5 | 180.6 | 187.8 | 195.0 | 203.2 | 210.4 | 214.5 | 216.5 |
| 52.5° | 161.1 | 162.1 | 162.1 | 165.2 | 170.3 | 176.5 | 183.7 | 190.9 | 196.0 | 199.1 | 203.2 |
| 55° | 150.8 | 152.9 | 152.9 | 156.0 | 161.1 | 168.3 | 177.5 | 183.7 | 189.8 | 193.9 | 197.0 |
| 57.5° | 143.7 | 144.7 | 144.7 | 148.8 | 154.9 | 161.1 | 170.3 | 178.5 | 185.7 | 190.9 | 195.0 |
| 60° | 137.5 | 138.5 | 137.5 | 142.6 | 147.8 | 154.9 | 163.2 | 172.4 | 182.6 | 189.8 | 192.9 |
| 62.5° | 132.4 | 132.4 | 131.3 | 135.4 | 138.5 | 142.6 | 149.8 | 160.1 | 169.3 | 175.5 | 178.5 |
| 65° | 126.2 | 126.2 | 124.2 | 128.3 | 128.3 | 134.4 | 139.6 | 148.8 | 156.0 | 163.2 | 165.2 |
| 67.5° | 113.9 | 115.9 | 114.9 | 118.0 | 122.1 | 126.2 | 132.4 | 139.6 | 146.7 | 151.9 | 154.9 |
| 70° | 101.6 | 102.6 | 105.7 | 107.7 | 111.8 | 113.9 | 119.0 | 124.2 | 131.3 | 134.4 | 137.5 |
| 72.5° | 90.3 | 91.3 | 93.4 | 95.4 | 99.5 | 101.6 | 105.7 | 109.8 | 115.9 | 119.0 | 122.1 |
| 75° | 79.0 | 80.0 | 81.1 | 83.1 | 85.2 | 87.2 | 89.3 | 93.4 | 97.5 | 101.6 | 104.7 |
| 77.5° | 67.7 | 68.7 | 71.8 | 70.8 | 72.9 | 73.9 | 77.0 | 79.0 | 81.1 | 85.2 | 89.3 |
| 80° | 59.5 | 58.5 | 60.5 | 61.6 | 63.6 | 63.6 | 65.7 | 65.7 | 68.7 | 68.7 | 69.8 |
| 82.5° | 50.3 | 49.3 | 51.3 | 54.4 | 55.4 | 55.4 | 57.5 | 53.4 | 52.3 | 53.4 | 56.4 |
| 85° | 38.0 | 39.0 | 40.0 | 44.1 | 45.1 | 45.1 | 47.2 | 44.1 | 40.0 | 40.0 | 42.1 |
| 87.5° | 21.5 | 16.4 | 23.6 | 27.7 | 27.7 | 28.7 | 30.8 | 29.8 | 28.7 | 22.6 | 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: P141481
 CATALOG NUMBER: CEM-E03-LED-E-U-SLL-7050

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° | |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0° | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 0° |
| 2.5° | 1047.7 | 1048.7 | 1049.7 | 1050.7 | 1051.8 | 1050.7 | 1052.8 | 1050.7 | 1051.8 | 1049.7 | 1048.7 | 2.5° |
| 5° | 1046.6 | 1047.7 | 1047.7 | 1049.7 | 1050.7 | 1047.7 | 1049.7 | 1046.6 | 1046.6 | 1044.6 | 1041.5 | 5° |
| 7.5° | 1039.4 | 1041.5 | 1041.5 | 1043.5 | 1043.5 | 1040.5 | 1040.5 | 1034.3 | 1032.3 | 1025.1 | 1019.9 | 7.5° |
| 10° | 1025.1 | 1028.2 | 1030.2 | 1034.3 | 1036.4 | 1031.2 | 1028.2 | 1021.0 | 1012.8 | 1004.6 | 996.3 | 10° |
| 12.5° | 1000.5 | 1001.5 | 1008.7 | 1014.8 | 1017.9 | 1021.0 | 1018.9 | 1017.9 | 1009.7 | 1004.6 | 1001.5 | 12.5° |
| 15° | 944.0 | 952.2 | 959.4 | 973.8 | 984.0 | 995.3 | 1003.5 | 1012.8 | 1016.9 | 1022.0 | 1024.1 | 15° |
| 17.5° | 894.8 | 904.0 | 909.1 | 921.4 | 931.7 | 949.1 | 970.7 | 994.3 | 1010.7 | 1031.2 | 1050.7 | 17.5° |
| 20° | 826.0 | 841.4 | 845.5 | 865.0 | 878.3 | 900.9 | 924.5 | 954.3 | 987.1 | 1018.9 | 1053.8 | 20° |
| 22.5° | 749.1 | 756.2 | 764.4 | 785.0 | 801.4 | 830.1 | 866.0 | 907.1 | 945.0 | 989.2 | 1039.4 | 22.5° |
| 25° | 655.7 | 664.9 | 673.1 | 695.7 | 719.3 | 746.0 | 789.1 | 839.4 | 887.6 | 946.1 | 1011.7 | 25° |
| 27.5° | 563.3 | 570.5 | 584.9 | 601.3 | 628.0 | 656.7 | 710.1 | 765.5 | 820.9 | 891.7 | 969.7 | 27.5° |
| 30° | 466.9 | 474.1 | 481.2 | 500.7 | 528.4 | 562.3 | 610.5 | 676.2 | 741.9 | 817.8 | 910.2 | 30° |
| 32.5° | 374.5 | 376.6 | 390.9 | 405.3 | 428.9 | 457.6 | 510.0 | 573.6 | 644.4 | 736.7 | 828.1 | 32.5° |
| 35° | 292.4 | 304.8 | 310.9 | 330.4 | 344.8 | 374.5 | 418.7 | 477.1 | 551.0 | 644.4 | 742.9 | 35° |
| 37.5° | 259.6 | 263.7 | 271.9 | 286.3 | 305.8 | 332.5 | 363.2 | 408.4 | 472.0 | 551.0 | 643.4 | 37.5° |
| 40° | 247.3 | 251.4 | 257.6 | 268.8 | 287.3 | 311.9 | 337.6 | 373.5 | 422.8 | 485.3 | 568.5 | 40° |
| 42.5° | 243.2 | 244.2 | 246.3 | 256.5 | 275.0 | 302.7 | 333.5 | 367.3 | 405.3 | 455.6 | 521.3 | 42.5° |
| 45° | 238.1 | 238.1 | 239.1 | 246.3 | 262.7 | 291.4 | 330.4 | 373.5 | 416.6 | 461.7 | 517.2 | 45° |
| 47.5° | 234.0 | 235.0 | 234.0 | 237.0 | 249.3 | 277.0 | 320.1 | 372.5 | 429.9 | 488.4 | 549.0 | 47.5° |
| 50° | 217.5 | 217.5 | 218.6 | 219.6 | 228.8 | 255.5 | 297.6 | 355.0 | 425.8 | 504.8 | 588.0 | 50° |
| 52.5° | 204.2 | 206.2 | 206.2 | 208.3 | 214.5 | 236.0 | 278.1 | 338.6 | 415.6 | 507.9 | 619.8 | 52.5° |
| 55° | 200.1 | 202.1 | 203.2 | 203.2 | 207.3 | 225.7 | 265.8 | 323.2 | 404.3 | 504.8 | 632.1 | 55° |
| 57.5° | 197.0 | 199.1 | 200.1 | 199.1 | 202.1 | 217.5 | 254.5 | 310.9 | 392.0 | 497.7 | 637.2 | 57.5° |
| 60° | 193.9 | 195.0 | 192.9 | 190.9 | 191.9 | 205.2 | 238.1 | 293.5 | 377.6 | 487.4 | 635.2 | 60° |
| 62.5° | 179.6 | 180.6 | 178.5 | 176.5 | 174.4 | 184.7 | 214.5 | 268.8 | 347.8 | 463.8 | 618.7 | 62.5° |
| 65° | 167.3 | 167.3 | 167.3 | 165.2 | 163.2 | 169.3 | 190.9 | 237.0 | 305.8 | 421.7 | 580.8 | 65° |
| 67.5° | 157.0 | 156.0 | 156.0 | 154.9 | 152.9 | 154.9 | 168.3 | 200.1 | 253.4 | 355.0 | 512.0 | 67.5° |
| 70° | 140.6 | 139.6 | 140.6 | 139.6 | 137.5 | 137.5 | 143.7 | 161.1 | 197.0 | 260.6 | 398.1 | 70° |
| 72.5° | 124.2 | 125.2 | 127.2 | 127.2 | 127.2 | 128.3 | 128.3 | 133.4 | 152.9 | 186.8 | 270.9 | 72.5° |
| 75° | 106.7 | 107.7 | 110.8 | 114.9 | 112.9 | 113.9 | 113.9 | 117.0 | 127.2 | 147.8 | 189.8 | 75° |
| 77.5° | 90.3 | 93.4 | 97.5 | 98.5 | 95.4 | 95.4 | 97.5 | 102.6 | 111.8 | 124.2 | 144.7 | 77.5° |
| 80° | 73.9 | 78.0 | 79.0 | 81.1 | 82.1 | 82.1 | 84.1 | 88.2 | 97.5 | 112.9 | 129.3 | 80° |
| 82.5° | 58.5 | 61.6 | 64.6 | 67.7 | 69.8 | 72.9 | 73.9 | 75.9 | 85.2 | 100.6 | 119.0 | 82.5° |
| 85° | 44.1 | 47.2 | 51.3 | 54.4 | 56.4 | 59.5 | 58.5 | 59.5 | 64.6 | 77.0 | 90.3 | 85° |
| 87.5° | 26.7 | 26.7 | 29.8 | 30.8 | 31.8 | 31.8 | 33.9 | 29.8 | 31.8 | 41.0 | 49.3 | 87.5° |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 90° |



NUMBER: P141481

NUMBER: CEM-E03-LED-E-U-SLL-7050

DISTRIBUTION (continued):

| 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|
| 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 | 1046.6 |
| 1049.7 | 1048.7 | 1047.7 | 1048.7 | 1050.7 | 1050.7 | 1047.7 |
| 1042.5 | 1039.4 | 1037.4 | 1037.4 | 1037.4 | 1036.4 | 1034.3 |
| 1017.9 | 1012.8 | 1009.7 | 1007.6 | 1006.6 | 1006.6 | 1002.5 |
| 991.2 | 988.1 | 982.0 | 979.9 | 981.0 | 984.0 | 983.0 |
| 997.4 | 988.1 | 985.1 | 985.1 | 984.0 | 989.2 | 988.1 |
| 1031.2 | 1031.2 | 1027.1 | 1026.1 | 1024.1 | 1030.2 | 1030.2 |
| 1067.1 | 1076.4 | 1080.5 | 1076.4 | 1077.4 | 1078.4 | 1086.6 |
| 1086.6 | 1113.3 | 1127.7 | 1139.0 | 1140.0 | 1146.2 | 1145.1 |
| 1089.7 | 1138.0 | 1175.9 | 1200.5 | 1223.1 | 1234.4 | 1232.4 |
| 1074.3 | 1141.0 | 1207.7 | 1270.3 | 1317.5 | 1343.2 | 1364.7 |
| 1053.8 | 1132.8 | 1219.0 | 1307.3 | 1384.2 | 1453.0 | 1496.1 |
| 1005.6 | 1106.1 | 1217.0 | 1329.8 | 1439.6 | 1538.1 | 1618.2 |
| 937.9 | 1053.8 | 1186.2 | 1335.0 | 1488.9 | 1625.4 | 1742.3 |
| 847.6 | 971.7 | 1132.8 | 1315.5 | 1518.6 | 1721.8 | 1898.3 |
| 750.1 | 886.6 | 1063.0 | 1282.6 | 1534.0 | 1798.8 | 2040.9 |
| 664.9 | 799.3 | 992.2 | 1240.6 | 1532.0 | 1849.0 | 2145.6 |
| 609.5 | 735.7 | 930.7 | 1200.5 | 1521.7 | 1877.8 | 2227.7 |
| 591.0 | 704.9 | 889.6 | 1168.7 | 1515.6 | 1898.3 | 2284.1 |
| 615.7 | 714.2 | 880.4 | 1154.4 | 1513.5 | 1921.9 | 2333.4 |
| 673.1 | 765.5 | 915.3 | 1178.0 | 1532.0 | 1945.5 | 2382.6 |
| 727.5 | 837.3 | 991.2 | 1245.7 | 1600.7 | 2014.2 | 2450.3 |
| 771.6 | 915.3 | 1073.3 | 1335.0 | 1699.2 | 2121.0 | 2551.9 |
| 796.3 | 975.8 | 1180.0 | 1459.1 | 1833.7 | 2278.0 | 2718.2 |
| 806.5 | 1017.9 | 1271.3 | 1589.4 | 2003.0 | 2457.5 | 2928.5 |
| 802.4 | 1037.4 | 1337.0 | 1708.5 | 2155.8 | 2654.5 | 3167.6 |
| 776.8 | 1037.4 | 1378.1 | 1803.9 | 2284.1 | 2811.5 | 3377.9 |
| 715.2 | 1001.5 | 1382.2 | 1859.3 | 2382.6 | 2943.9 | 3550.3 |
| 602.3 | 897.8 | 1313.4 | 1853.1 | 2413.4 | 2986.0 | 3640.6 |
| 421.7 | 670.0 | 1095.9 | 1674.6 | 2282.1 | 2886.4 | 3541.1 |
| 261.7 | 417.6 | 785.0 | 1294.9 | 1899.3 | 2449.3 | 3151.2 |
| 183.7 | 253.4 | 449.4 | 819.9 | 1307.3 | 1825.4 | 2352.9 |
| 152.9 | 186.8 | 256.5 | 451.5 | 786.0 | 1124.6 | 1479.6 |
| 132.4 | 150.8 | 178.5 | 257.6 | 400.2 | 599.2 | 824.0 |
| 98.5 | 109.8 | 123.1 | 169.3 | 252.4 | 370.4 | 563.3 |
| 40.0 | 45.1 | 50.3 | 67.7 | 154.9 | 213.4 | 228.8 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)