

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: INVUE

Report Number: P141922

Luminaire Tested: **EMM-E03-LED-E1-T3-7060**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P141922
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33683)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: EMM-E03-LED-E1-T3-7060
Description: EPIC MODERN MEDIUM DECORATIVE LED LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - TYPE 3
Light Source: (63) 5700K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9038.7 lumens
Efficiency: N/A
Efficacy: 120.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type III - Short - Semi-Cutoff
BUG Rating: B3 - U0 - G3

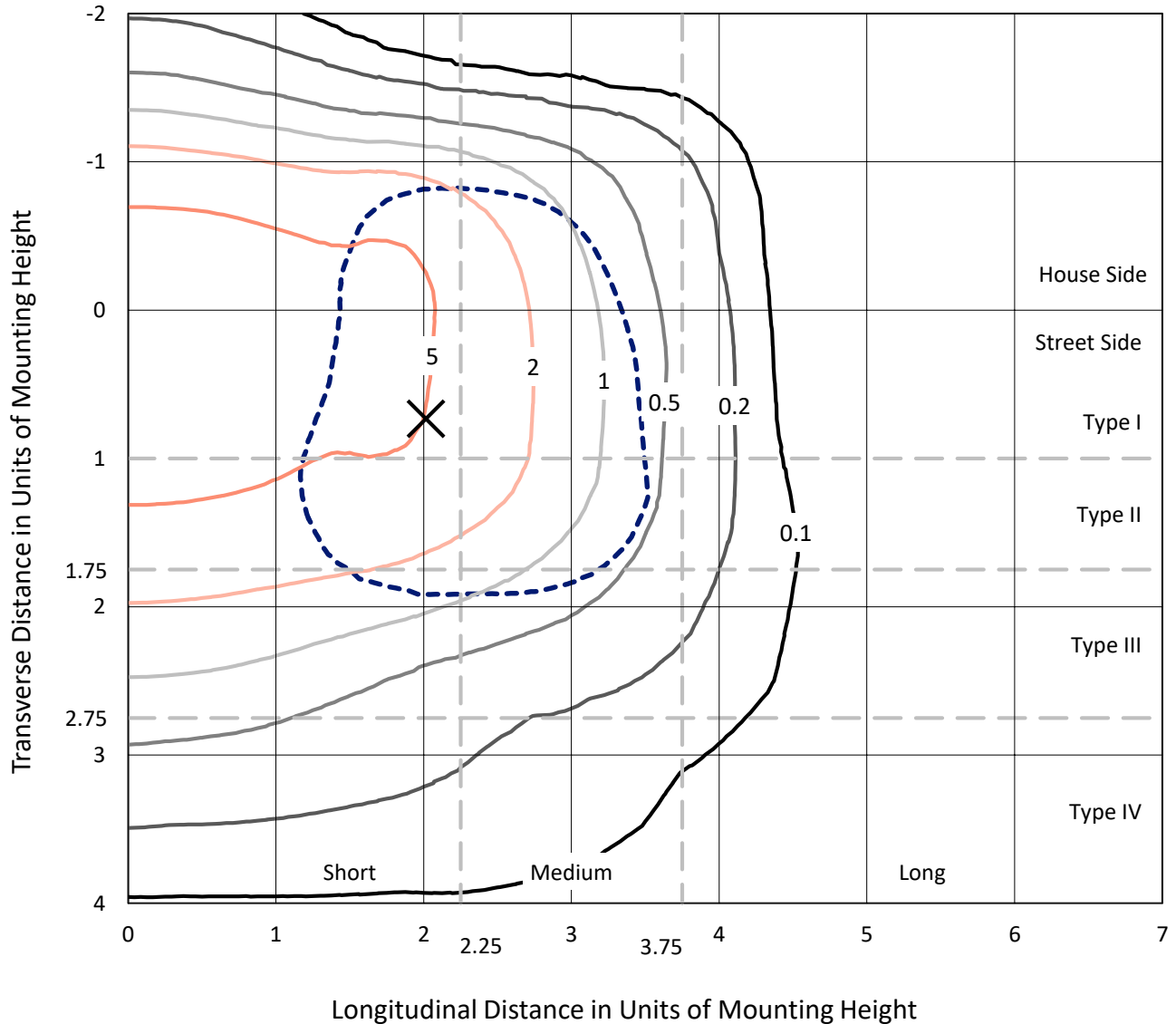
Input Watts (W): 75.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

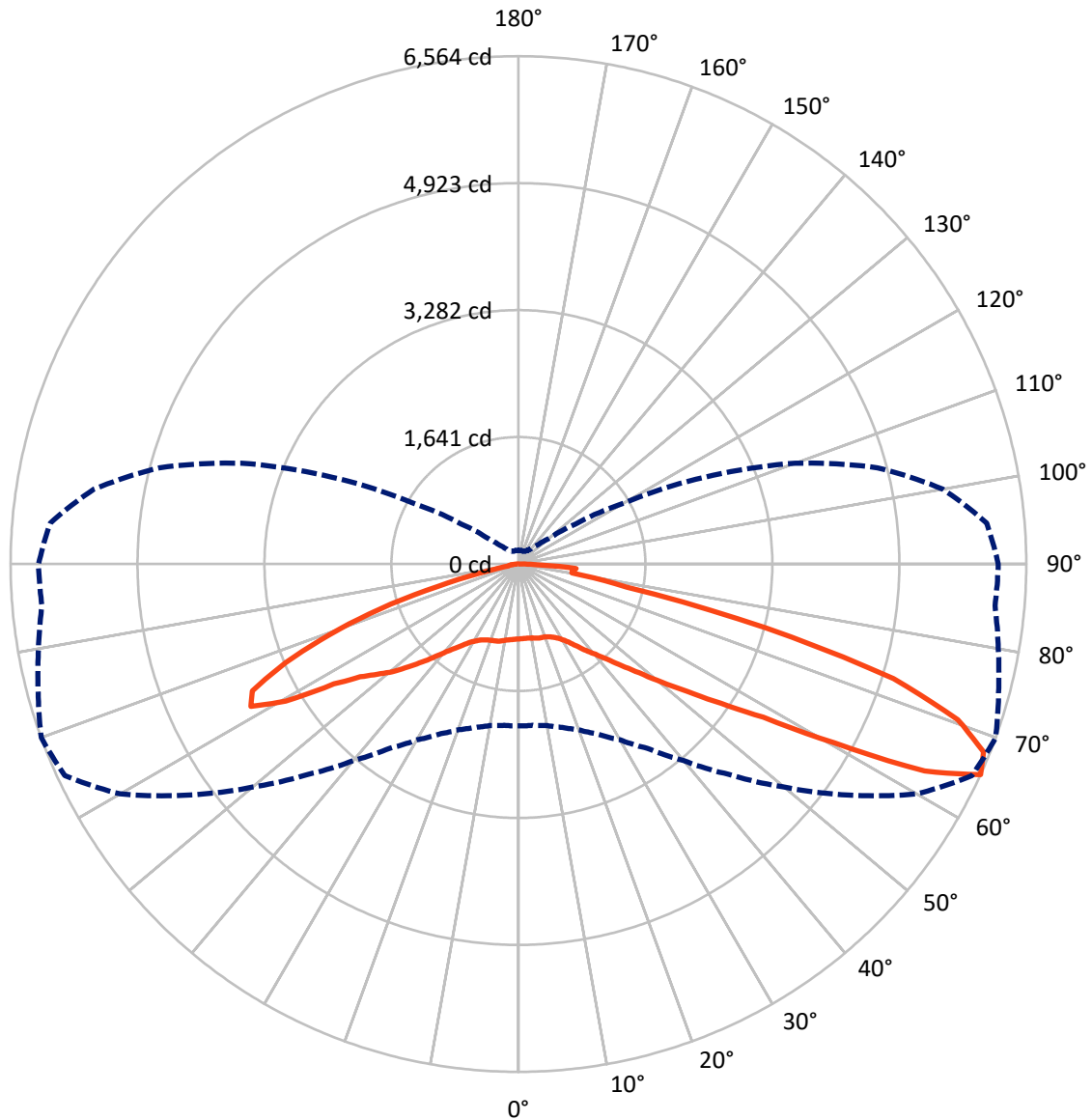
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 9.8 fc
 Type III - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 70-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 3051.2 | 0.0 | 3051.2 |
| | % Fixture | 33.8 | 0.0 | 33.8 |
| Street Side | Lumens | 5987.5 | 0.0 | 5987.5 |
| | % Fixture | 66.2 | 0.0 | 66.2 |
| Total | Lumens | 9038.7 | 0.0 | 9038.7 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 93.2 | 1.0 |
| 10°-20° | 276.2 | 3.1 |
| 20°-30° | 474.8 | 5.3 |
| 30°-40° | 761.0 | 8.4 |
| 40°-50° | 1246.0 | 13.8 |
| 50°-60° | 1950.3 | 21.6 |
| 60°-70° | 2740.9 | 30.3 |
| 70°-80° | 1297.1 | 14.4 |
| 80°-90° | 199.3 | 2.2 |
| 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° | 9038.7 | 100.0 |
| 0°-180° | 9038.7 | 100.0 |



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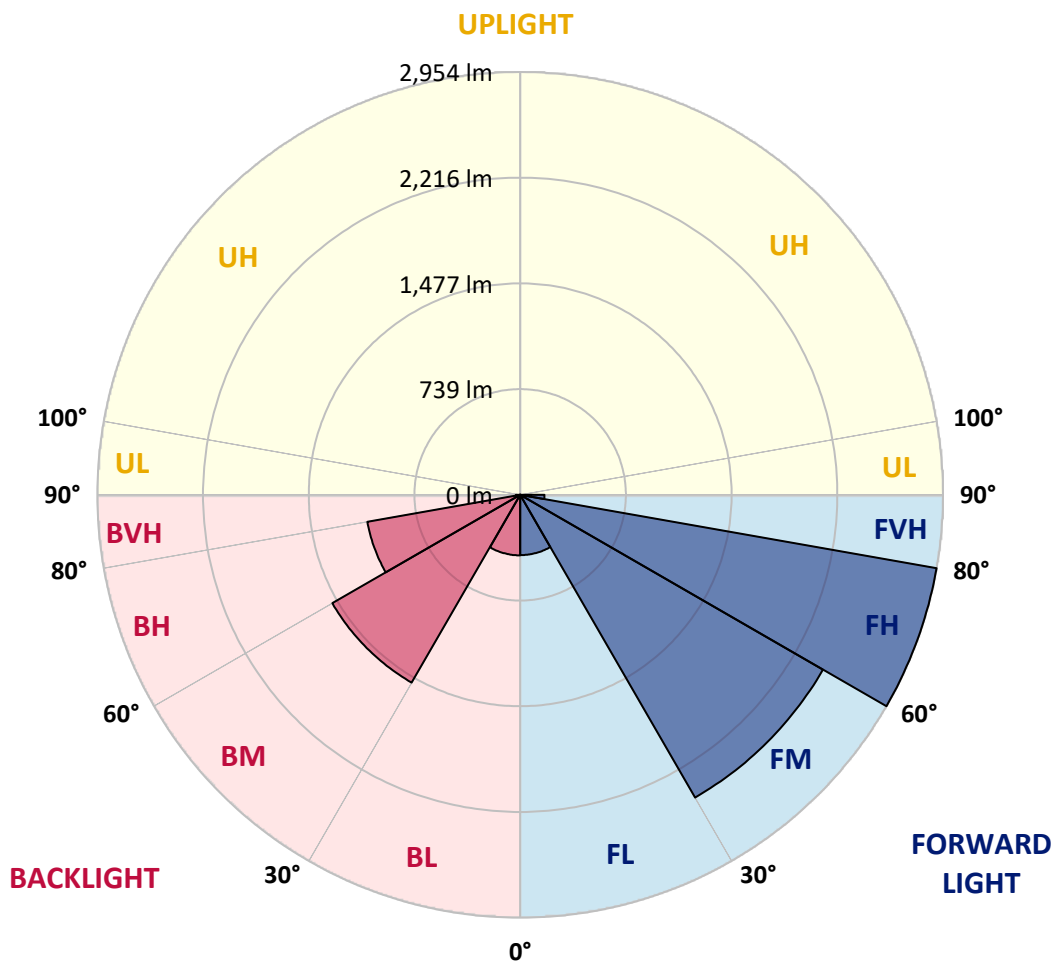
CATALOG NUMBER: EMM-E03-LED-E1-T3-7060

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 421.1 | 4.7 | | | |
| FM (30°-60°) | 2442.5 | 27.0 | | | |
| FH (60°-80°) | 2954.1 | 32.7 | | | G2/5000 |
| FVH (80°-90°) | 169.8 | 1.9 | | | G2/225 |
| BL (0°-30°) | 423.1 | 4.7 | B1/500 | | |
| BM (30°-60°) | 1514.9 | 16.8 | B2/2500 | | |
| BH (60°-80°) | 1083.8 | 12.0 | B3/2500 | | G3/2500 |
| BVH (80°-90°) | 29.4 | 0.3 | | | G1/100 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B3-U0-G3

Type III Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 968.6 | 968.6 | 968.6 | 968.6 | 968.6 | 968.6 | 968.6 | 968.6 | 968.6 | 968.6 | 968.6 |
| 2.5° | 963.5 | 964.5 | 964.5 | 962.5 | 962.5 | 963.5 | 963.5 | 964.5 | 964.5 | 964.5 | 965.6 |
| 5° | 963.5 | 964.5 | 964.5 | 963.5 | 962.5 | 964.5 | 963.5 | 964.5 | 964.5 | 964.5 | 964.5 |
| 7.5° | 961.5 | 962.5 | 962.5 | 961.5 | 962.5 | 963.5 | 963.5 | 965.6 | 966.6 | 966.6 | 967.6 |
| 10° | 951.2 | 952.2 | 953.3 | 953.3 | 955.3 | 958.4 | 959.4 | 963.5 | 964.5 | 967.6 | 969.7 |
| 12.5° | 932.7 | 932.7 | 934.8 | 936.8 | 939.9 | 946.1 | 949.1 | 955.3 | 960.4 | 964.5 | 971.7 |
| 15° | 916.3 | 916.3 | 918.4 | 919.4 | 925.5 | 929.7 | 935.8 | 943.0 | 952.2 | 960.4 | 971.7 |
| 17.5° | 924.5 | 924.5 | 923.5 | 922.5 | 923.5 | 923.5 | 928.6 | 935.8 | 944.0 | 955.3 | 969.7 |
| 20° | 956.3 | 955.3 | 951.2 | 949.1 | 948.1 | 944.0 | 940.9 | 939.9 | 944.0 | 952.2 | 966.6 |
| 22.5° | 984.0 | 982.0 | 981.0 | 978.9 | 982.0 | 979.9 | 975.8 | 970.7 | 964.5 | 961.5 | 969.7 |
| 25° | 1000.5 | 1001.5 | 1001.5 | 1001.5 | 1007.6 | 1009.7 | 1011.7 | 1005.6 | 998.4 | 988.1 | 989.2 |
| 27.5° | 1023.0 | 1024.1 | 1022.0 | 1026.1 | 1033.3 | 1038.4 | 1043.5 | 1047.7 | 1043.5 | 1037.4 | 1030.2 |
| 30° | 1071.3 | 1071.3 | 1068.2 | 1071.3 | 1077.4 | 1082.5 | 1089.7 | 1096.9 | 1096.9 | 1090.8 | 1083.6 |
| 32.5° | 1121.5 | 1122.6 | 1122.6 | 1124.6 | 1133.8 | 1138.0 | 1148.2 | 1155.4 | 1160.5 | 1156.4 | 1160.5 |
| 35° | 1182.1 | 1181.0 | 1184.1 | 1185.2 | 1199.5 | 1204.6 | 1225.2 | 1230.3 | 1238.5 | 1240.6 | 1243.6 |
| 37.5° | 1282.6 | 1284.7 | 1278.5 | 1274.4 | 1286.7 | 1286.7 | 1313.4 | 1327.8 | 1325.7 | 1340.1 | 1350.4 |
| 40° | 1444.8 | 1435.5 | 1432.4 | 1430.4 | 1437.6 | 1436.5 | 1435.5 | 1455.0 | 1464.3 | 1466.3 | 1471.4 |
| 42.5° | 1624.3 | 1627.4 | 1624.3 | 1631.5 | 1631.5 | 1626.4 | 1622.3 | 1619.2 | 1636.6 | 1647.9 | 1650.0 |
| 45° | 1834.7 | 1838.8 | 1832.6 | 1827.5 | 1840.8 | 1848.0 | 1848.0 | 1856.2 | 1870.6 | 1875.7 | 1872.6 |
| 47.5° | 2003.0 | 2014.2 | 2009.1 | 2016.3 | 2037.8 | 2062.5 | 2095.3 | 2116.9 | 2132.2 | 2146.6 | 2169.2 |
| 50° | 2154.8 | 2160.0 | 2172.3 | 2195.9 | 2227.7 | 2266.7 | 2320.0 | 2373.4 | 2404.2 | 2440.1 | 2466.8 |
| 52.5° | 2247.2 | 2262.6 | 2281.0 | 2320.0 | 2373.4 | 2427.8 | 2509.9 | 2597.1 | 2675.1 | 2715.1 | 2746.9 |
| 55° | 2302.6 | 2313.9 | 2338.5 | 2391.9 | 2466.8 | 2547.8 | 2650.4 | 2770.5 | 2874.1 | 2962.4 | 3031.1 |
| 57.5° | 2300.5 | 2309.8 | 2343.6 | 2402.1 | 2491.4 | 2593.0 | 2721.2 | 2871.0 | 3023.9 | 3170.7 | 3300.0 |
| 60° | 2256.4 | 2264.6 | 2298.5 | 2361.1 | 2458.5 | 2579.6 | 2733.5 | 2917.2 | 3124.5 | 3345.1 | 3571.9 |
| 62.5° | 2188.7 | 2194.8 | 2224.6 | 2287.2 | 2385.7 | 2515.0 | 2695.6 | 2936.7 | 3231.2 | 3579.1 | 4019.3 |
| 65° | 2093.3 | 2093.3 | 2121.0 | 2185.6 | 2280.0 | 2424.7 | 2623.8 | 2907.0 | 3314.3 | 3843.8 | 4484.1 |
| 67.5° | 1952.7 | 1952.7 | 1975.3 | 2028.6 | 2102.5 | 2203.0 | 2402.1 | 2696.6 | 3126.5 | 3760.7 | 4509.7 |
| 70° | 1686.9 | 1691.0 | 1691.0 | 1723.9 | 1756.7 | 1801.8 | 1896.2 | 2122.0 | 2525.2 | 3145.0 | 3881.8 |
| 72.5° | 1236.5 | 1161.6 | 1220.0 | 1273.4 | 1310.3 | 1335.0 | 1389.3 | 1460.1 | 1663.3 | 2128.1 | 2795.1 |
| 75° | 778.8 | 798.3 | 842.4 | 903.0 | 994.3 | 1088.7 | 1192.3 | 1236.5 | 1218.0 | 1273.4 | 1721.8 |
| 77.5° | 472.0 | 455.6 | 498.7 | 589.0 | 691.6 | 819.9 | 1013.8 | 1182.1 | 1278.5 | 1272.4 | 1219.0 |
| 80° | 204.2 | 199.1 | 227.8 | 270.9 | 321.2 | 437.1 | 614.6 | 845.5 | 1102.0 | 1250.8 | 1228.2 |
| 82.5° | 72.9 | 73.9 | 93.4 | 110.8 | 133.4 | 171.4 | 243.2 | 388.9 | 616.7 | 878.3 | 1085.6 |
| 85° | 21.5 | 23.6 | 32.8 | 46.2 | 52.3 | 59.5 | 82.1 | 122.1 | 208.3 | 332.5 | 591.0 |
| 87.5° | 6.2 | 7.2 | 9.2 | 16.4 | 15.4 | 14.4 | 16.4 | 25.7 | 19.5 | 16.4 | 82.1 |
| 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: EMM-E03-LED-E1-T3-7060

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 968.6 | 968.6 | 968.6 | 968.6 | 968.6 | 968.6 | 968.6 | 968.6 | 968.6 | 968.6 | 968.6 |
| 2.5° | 964.5 | 964.5 | 964.5 | 965.6 | 964.5 | 964.5 | 965.6 | 965.6 | 966.6 | 967.6 | 969.7 |
| 5° | 963.5 | 963.5 | 964.5 | 964.5 | 964.5 | 965.6 | 966.6 | 967.6 | 969.7 | 972.7 | 975.8 |
| 7.5° | 966.6 | 966.6 | 965.6 | 966.6 | 966.6 | 967.6 | 969.7 | 970.7 | 974.8 | 977.9 | 983.0 |
| 10° | 969.7 | 969.7 | 970.7 | 971.7 | 971.7 | 973.8 | 976.9 | 977.9 | 982.0 | 988.1 | 993.3 |
| 12.5° | 973.8 | 976.9 | 981.0 | 983.0 | 985.1 | 987.1 | 990.2 | 992.2 | 997.4 | 1005.6 | 1011.7 |
| 15° | 976.9 | 984.0 | 988.1 | 993.3 | 996.3 | 997.4 | 1000.5 | 1004.6 | 1009.7 | 1017.9 | 1025.1 |
| 17.5° | 976.9 | 986.1 | 992.2 | 997.4 | 1002.5 | 1005.6 | 1008.7 | 1012.8 | 1019.9 | 1028.2 | 1035.3 |
| 20° | 975.8 | 989.2 | 997.4 | 1005.6 | 1014.8 | 1017.9 | 1023.0 | 1027.1 | 1035.3 | 1045.6 | 1050.7 |
| 22.5° | 981.0 | 996.3 | 1007.6 | 1022.0 | 1032.3 | 1040.5 | 1046.6 | 1053.8 | 1060.0 | 1067.1 | 1069.2 |
| 25° | 996.3 | 1011.7 | 1030.2 | 1047.7 | 1062.0 | 1074.3 | 1082.5 | 1088.7 | 1095.9 | 1099.0 | 1094.9 |
| 27.5° | 1022.0 | 1033.3 | 1058.9 | 1084.6 | 1107.2 | 1122.6 | 1131.8 | 1140.0 | 1142.1 | 1148.2 | 1132.8 |
| 30° | 1068.2 | 1073.3 | 1100.0 | 1136.9 | 1162.6 | 1188.2 | 1200.5 | 1208.8 | 1209.8 | 1205.7 | 1179.0 |
| 32.5° | 1144.1 | 1134.9 | 1158.5 | 1207.7 | 1246.7 | 1268.3 | 1287.8 | 1292.9 | 1289.8 | 1276.5 | 1233.4 |
| 35° | 1236.5 | 1222.1 | 1233.4 | 1305.2 | 1348.3 | 1380.1 | 1398.6 | 1403.7 | 1396.5 | 1372.9 | 1313.4 |
| 37.5° | 1350.4 | 1345.2 | 1350.4 | 1419.1 | 1494.0 | 1523.8 | 1532.0 | 1538.1 | 1520.7 | 1477.6 | 1399.6 |
| 40° | 1476.6 | 1477.6 | 1471.4 | 1534.0 | 1628.4 | 1671.5 | 1691.0 | 1677.7 | 1656.1 | 1594.6 | 1508.4 |
| 42.5° | 1651.0 | 1644.8 | 1623.3 | 1679.7 | 1800.8 | 1844.9 | 1862.4 | 1852.1 | 1830.6 | 1752.6 | 1652.0 |
| 45° | 1881.9 | 1861.4 | 1840.8 | 1870.6 | 1987.6 | 2045.0 | 2070.7 | 2063.5 | 2025.5 | 1931.1 | 1836.7 |
| 47.5° | 2164.1 | 2142.5 | 2104.5 | 2099.4 | 2217.4 | 2285.1 | 2294.4 | 2283.1 | 2254.4 | 2160.0 | 2044.0 |
| 50° | 2460.6 | 2454.4 | 2437.0 | 2396.0 | 2501.6 | 2569.4 | 2563.2 | 2555.0 | 2523.2 | 2403.1 | 2284.1 |
| 52.5° | 2767.4 | 2779.7 | 2768.4 | 2739.7 | 2852.6 | 2880.3 | 2882.3 | 2857.7 | 2820.8 | 2709.9 | 2547.8 |
| 55° | 3089.6 | 3135.8 | 3153.2 | 3175.8 | 3265.1 | 3261.0 | 3237.4 | 3178.9 | 3188.1 | 3061.9 | 2837.2 |
| 57.5° | 3431.3 | 3572.9 | 3684.7 | 3735.0 | 3820.2 | 3844.8 | 3785.3 | 3804.8 | 3796.6 | 3666.3 | 3312.3 |
| 60° | 3881.8 | 4220.4 | 4511.8 | 4691.4 | 4806.3 | 4762.2 | 4845.3 | 4849.4 | 4990.0 | 4703.7 | 4151.6 |
| 62.5° | 4600.0 | 5221.9 | 5739.0 | 5893.9 | 5923.7 | 5913.4 | 5814.9 | 5913.4 | 5886.8 | 5537.9 | 4822.7 |
| 65° | 5204.4 | 5944.2 | 6469.6 | 6564.0 | 6425.5 | 6298.2 | 6183.3 | 6202.8 | 6075.6 | 5570.7 | 4803.2 |
| 67.5° | 5286.5 | 6023.2 | 6510.6 | 6484.0 | 6181.3 | 5945.3 | 5754.4 | 5604.6 | 5345.0 | 4888.4 | 4219.3 |
| 70° | 4637.0 | 5417.8 | 6045.8 | 6025.3 | 5604.6 | 5289.6 | 4979.7 | 4753.9 | 4489.2 | 4136.2 | 3503.1 |
| 72.5° | 3606.8 | 4302.5 | 4910.9 | 5069.0 | 4654.4 | 4306.6 | 4022.3 | 3735.0 | 3462.1 | 3126.5 | 2727.4 |
| 75° | 2455.5 | 2978.8 | 3262.0 | 3305.1 | 2925.4 | 2664.8 | 2555.0 | 2320.0 | 2030.7 | 1958.8 | 1663.3 |
| 77.5° | 1426.3 | 1627.4 | 1541.2 | 1426.3 | 1148.2 | 843.5 | 644.4 | 551.0 | 553.1 | 635.2 | 608.5 |
| 80° | 1159.5 | 1104.1 | 871.2 | 698.8 | 475.1 | 242.2 | 162.1 | 139.6 | 140.6 | 163.2 | 158.0 |
| 82.5° | 1195.4 | 1227.2 | 1008.7 | 706.0 | 486.4 | 256.5 | 123.1 | 91.3 | 106.7 | 115.9 | 113.9 |
| 85° | 885.5 | 1160.5 | 1040.5 | 749.1 | 522.3 | 272.9 | 80.0 | 50.3 | 70.8 | 86.2 | 92.3 |
| 87.5° | 248.3 | 389.9 | 302.7 | 200.1 | 145.7 | 49.3 | 31.8 | 26.7 | 32.8 | 45.1 | 45.1 |
| 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: EMM-E03-LED-E1-T3-7060

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|
| 0° | 968.6 | 968.6 | 968.6 | 968.6 | 968.6 | 968.6 | 968.6 | 968.6 | 968.6 | 968.6 | 968.6 |
| 2.5° | 970.7 | 974.8 | 973.8 | 975.8 | 976.9 | 979.9 | 982.0 | 981.0 | 981.0 | 983.0 | 985.1 |
| 5° | 978.9 | 984.0 | 984.0 | 987.1 | 990.2 | 994.3 | 997.4 | 995.3 | 996.3 | 998.4 | 1000.5 |
| 7.5° | 987.1 | 993.3 | 994.3 | 997.4 | 999.4 | 1001.5 | 1003.5 | 1000.5 | 999.4 | 999.4 | 998.4 |
| 10° | 997.4 | 1003.5 | 1002.5 | 1002.5 | 1001.5 | 999.4 | 995.3 | 988.1 | 983.0 | 979.9 | 977.9 |
| 12.5° | 1014.8 | 1018.9 | 1012.8 | 1006.6 | 996.3 | 989.2 | 979.9 | 971.7 | 965.6 | 960.4 | 958.4 |
| 15° | 1030.2 | 1028.2 | 1021.0 | 1009.7 | 995.3 | 984.0 | 974.8 | 963.5 | 956.3 | 950.2 | 947.1 |
| 17.5° | 1038.4 | 1031.2 | 1021.0 | 1010.7 | 998.4 | 988.1 | 976.9 | 963.5 | 952.2 | 944.0 | 939.9 |
| 20° | 1046.6 | 1035.3 | 1022.0 | 1011.7 | 1002.5 | 994.3 | 986.1 | 969.7 | 955.3 | 943.0 | 936.8 |
| 22.5° | 1058.9 | 1043.5 | 1030.2 | 1021.0 | 1011.7 | 1003.5 | 995.3 | 979.9 | 964.5 | 948.1 | 938.9 |
| 25° | 1076.4 | 1055.9 | 1046.6 | 1037.4 | 1027.1 | 1018.9 | 1007.6 | 993.3 | 976.9 | 957.4 | 944.0 |
| 27.5° | 1104.1 | 1085.6 | 1075.4 | 1066.1 | 1053.8 | 1040.5 | 1028.2 | 1008.7 | 993.3 | 970.7 | 953.3 |
| 30° | 1144.1 | 1124.6 | 1115.4 | 1106.1 | 1091.8 | 1074.3 | 1056.9 | 1032.3 | 1010.7 | 985.1 | 962.5 |
| 32.5° | 1194.4 | 1184.1 | 1172.8 | 1157.4 | 1138.0 | 1116.4 | 1090.8 | 1057.9 | 1027.1 | 995.3 | 966.6 |
| 35° | 1272.4 | 1254.9 | 1236.5 | 1221.1 | 1192.3 | 1162.6 | 1123.6 | 1075.4 | 1034.3 | 995.3 | 960.4 |
| 37.5° | 1361.6 | 1343.2 | 1318.5 | 1290.8 | 1247.7 | 1200.5 | 1146.2 | 1085.6 | 1031.2 | 984.0 | 945.0 |
| 40° | 1469.4 | 1445.8 | 1412.9 | 1360.6 | 1297.0 | 1226.2 | 1153.3 | 1077.4 | 1013.8 | 959.4 | 914.3 |
| 42.5° | 1612.0 | 1563.8 | 1500.2 | 1423.2 | 1332.9 | 1236.5 | 1144.1 | 1055.9 | 984.0 | 924.5 | 879.4 |
| 45° | 1773.1 | 1696.2 | 1593.5 | 1478.6 | 1353.4 | 1232.4 | 1123.6 | 1021.0 | 939.9 | 874.2 | 827.0 |
| 47.5° | 1946.5 | 1826.5 | 1675.6 | 1513.5 | 1355.5 | 1209.8 | 1083.6 | 968.6 | 877.3 | 807.5 | 749.1 |
| 50° | 2142.5 | 1944.5 | 1733.1 | 1530.9 | 1342.1 | 1169.8 | 1026.1 | 893.7 | 799.3 | 716.2 | 662.9 |
| 52.5° | 2310.8 | 2048.1 | 1773.1 | 1523.8 | 1294.9 | 1100.0 | 931.7 | 803.4 | 692.6 | 618.7 | 566.4 |
| 55° | 2509.9 | 2148.7 | 1794.7 | 1487.9 | 1219.0 | 991.2 | 830.1 | 687.5 | 582.8 | 517.2 | 472.0 |
| 57.5° | 2845.4 | 2319.0 | 1813.1 | 1415.0 | 1093.8 | 854.7 | 689.5 | 556.1 | 474.1 | 416.6 | 384.8 |
| 60° | 3492.9 | 2649.4 | 1889.1 | 1306.2 | 934.8 | 690.6 | 532.5 | 435.1 | 364.3 | 326.3 | 303.7 |
| 62.5° | 3916.6 | 2874.1 | 1855.2 | 1139.0 | 730.6 | 517.2 | 389.9 | 314.0 | 272.9 | 245.2 | 235.0 |
| 65° | 3808.9 | 2647.4 | 1574.0 | 903.0 | 508.9 | 343.7 | 261.7 | 215.5 | 197.0 | 182.6 | 176.5 |
| 67.5° | 3271.2 | 2135.3 | 1141.0 | 583.9 | 322.2 | 209.3 | 171.4 | 152.9 | 144.7 | 138.5 | 137.5 |
| 70° | 2606.3 | 1505.3 | 678.3 | 309.9 | 178.5 | 138.5 | 122.1 | 114.9 | 111.8 | 111.8 | 111.8 |
| 72.5° | 1891.1 | 867.1 | 333.5 | 167.3 | 120.1 | 105.7 | 98.5 | 96.5 | 95.4 | 95.4 | 96.5 |
| 75° | 1080.5 | 375.6 | 171.4 | 114.9 | 98.5 | 91.3 | 87.2 | 87.2 | 87.2 | 87.2 | 88.2 |
| 77.5° | 376.6 | 171.4 | 121.1 | 96.5 | 85.2 | 81.1 | 79.0 | 81.1 | 82.1 | 82.1 | 82.1 |
| 80° | 137.5 | 121.1 | 103.6 | 84.1 | 75.9 | 71.8 | 71.8 | 74.9 | 77.0 | 74.9 | 73.9 |
| 82.5° | 108.8 | 95.4 | 84.1 | 72.9 | 66.7 | 64.6 | 65.7 | 67.7 | 66.7 | 65.7 | 62.6 |
| 85° | 83.1 | 62.6 | 58.5 | 54.4 | 53.4 | 53.4 | 57.5 | 58.5 | 54.4 | 52.3 | 49.3 |
| 87.5° | 41.0 | 32.8 | 29.8 | 34.9 | 33.9 | 30.8 | 31.8 | 31.8 | 26.7 | 24.6 | 25.7 |
| 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: P141922

CATALOG NUMBER: EMM-E03-LED-E1-T3-7060

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° |
|-------|-------|--------|--------|--------|
| 0° | 968.6 | 968.6 | 968.6 | 968.6 |
| 2.5° | 985.1 | 986.1 | 989.2 | 988.1 |
| 5° | 999.4 | 1000.5 | 1002.5 | 1002.5 |
| 7.5° | 996.3 | 997.4 | 997.4 | 997.4 |
| 10° | 972.7 | 972.7 | 974.8 | 974.8 |
| 12.5° | 954.3 | 953.3 | 953.3 | 951.2 |
| 15° | 943.0 | 940.9 | 942.0 | 938.9 |
| 17.5° | 934.8 | 933.8 | 933.8 | 931.7 |
| 20° | 931.7 | 929.7 | 928.6 | 926.6 |
| 22.5° | 929.7 | 928.6 | 926.6 | 924.5 |
| 25° | 934.8 | 929.7 | 928.6 | 926.6 |
| 27.5° | 939.9 | 934.8 | 930.7 | 929.7 |
| 30° | 945.0 | 935.8 | 930.7 | 928.6 |
| 32.5° | 944.0 | 931.7 | 924.5 | 921.4 |
| 35° | 932.7 | 917.3 | 908.1 | 905.0 |
| 37.5° | 911.2 | 893.7 | 879.4 | 874.2 |
| 40° | 880.4 | 857.8 | 844.5 | 837.3 |
| 42.5° | 843.5 | 817.8 | 806.5 | 800.4 |
| 45° | 782.9 | 762.4 | 749.1 | 743.9 |
| 47.5° | 715.2 | 687.5 | 675.2 | 670.0 |
| 50° | 628.0 | 605.4 | 595.1 | 588.0 |
| 52.5° | 535.6 | 515.1 | 505.9 | 501.8 |
| 55° | 446.4 | 436.1 | 421.7 | 418.7 |
| 57.5° | 362.2 | 359.1 | 348.9 | 347.8 |
| 60° | 294.5 | 289.4 | 282.2 | 282.2 |
| 62.5° | 231.9 | 226.8 | 223.7 | 223.7 |
| 65° | 178.5 | 177.5 | 175.5 | 174.4 |
| 67.5° | 137.5 | 140.6 | 141.6 | 139.6 |
| 70° | 114.9 | 115.9 | 115.9 | 115.9 |
| 72.5° | 99.5 | 99.5 | 99.5 | 98.5 |
| 75° | 90.3 | 90.3 | 88.2 | 87.2 |
| 77.5° | 83.1 | 82.1 | 83.1 | 82.1 |
| 80° | 72.9 | 71.8 | 69.8 | 67.7 |
| 82.5° | 60.5 | 59.5 | 54.4 | 54.4 |
| 85° | 47.2 | 44.1 | 40.0 | 35.9 |
| 87.5° | 26.7 | 23.6 | 17.4 | 12.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)