

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: P141599

Luminaire Tested: **EMM-E03-LED-E1-SLR-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P141599
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33693)
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-SLR-7030
Description: EPIC MODERN MEDIUM DECORATIVE LED LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (63) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7166.7 lumens
Efficiency: N/A
Efficacy: 95.3 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 (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

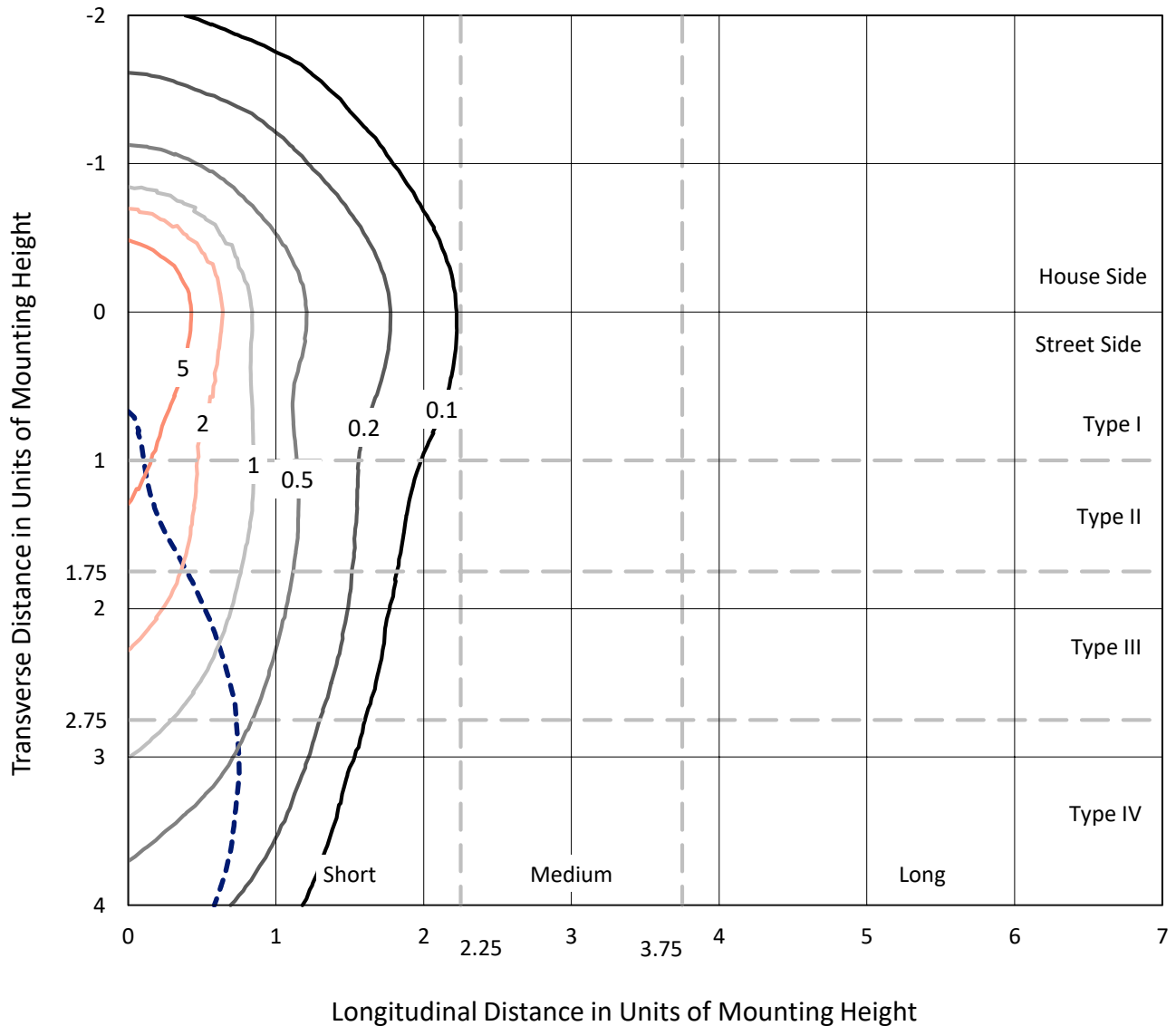


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Iso-Footcandle Lines of Horizontal Illumination

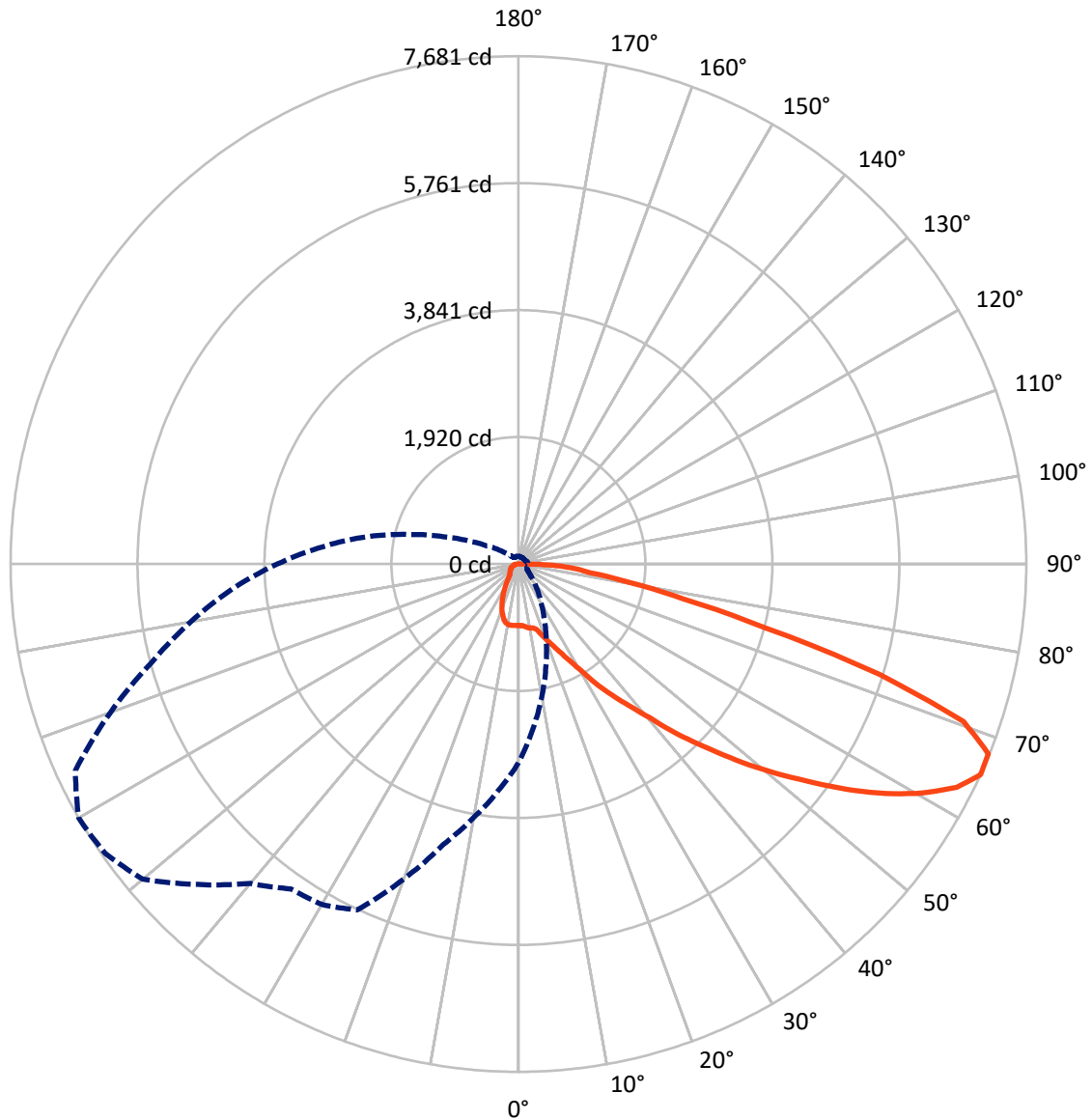
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 9.5 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 300-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1329.3 | 0.0 | 1329.3 |
| | % Fixture | 18.5 | 0.0 | 18.5 |
| Street Side | Lumens | 5837.4 | 0.0 | 5837.4 |
| | % Fixture | 81.5 | 0.0 | 81.5 |
| Total | Lumens | 7166.7 | 0.0 | 7166.7 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 90.2 | 1.3 |
| 10°-20° | 270.7 | 3.8 |
| 20°-30° | 449.7 | 6.3 |
| 30°-40° | 657.5 | 9.2 |
| 40°-50° | 1000.1 | 14.0 |
| 50°-60° | 1437.6 | 20.1 |
| 60°-70° | 1767.5 | 24.7 |
| 70°-80° | 1182.4 | 16.5 |
| 80°-90° | 311.1 | 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° | 7166.7 | 100.0 |
| 0°-180° | 7166.7 | 100.0 |



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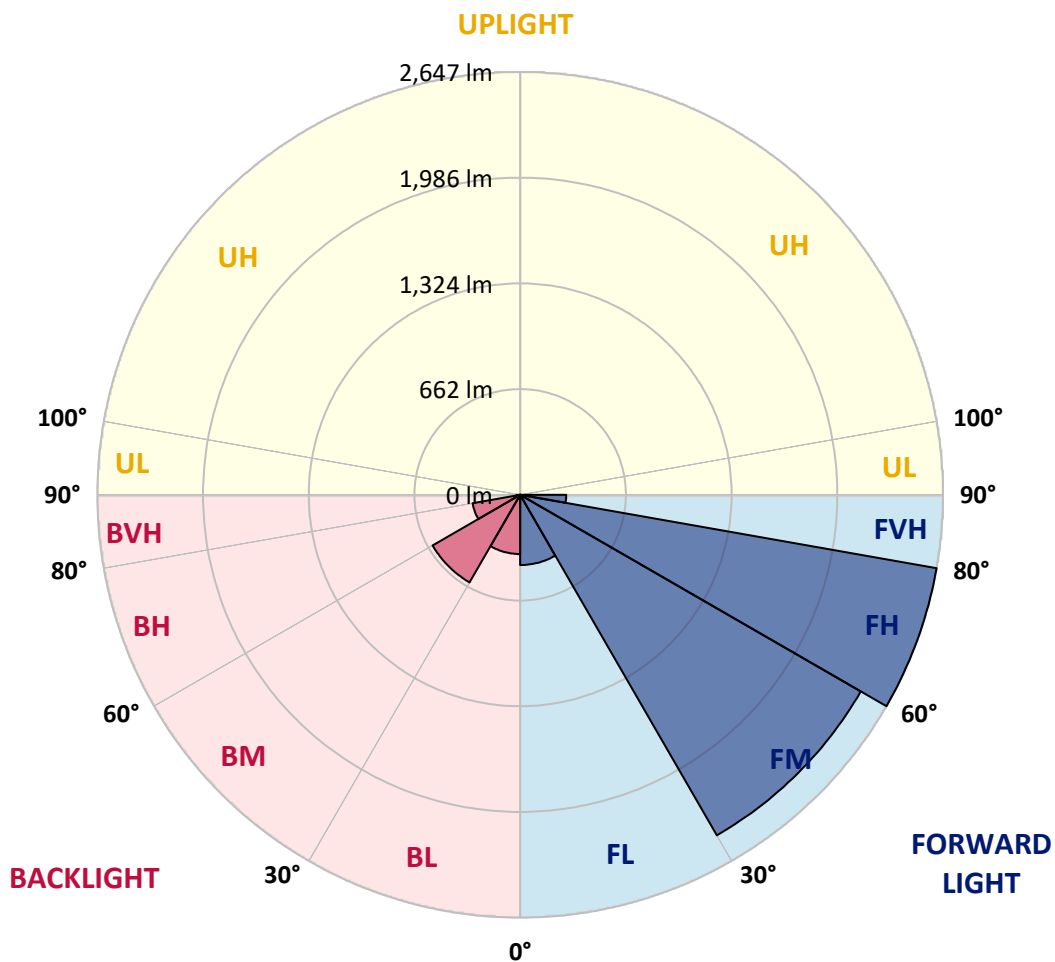
CATALOG NUMBER: EMM-E03-LED-E1-SLR-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 439.6 | 6.1 | | | |
| FM | (30°-60°) | 2462.0 | 34.4 | | | |
| FH | (60°-80°) | 2647.3 | 36.9 | | | G2/5000 |
| FVH | (80°-90°) | 288.5 | 4.0 | | | G3/500 |
| BL | (0°-30°) | 371.0 | 5.2 | B1/500 | | |
| BM | (30°-60°) | 633.1 | 8.8 | B1/1000 | | |
| BH | (60°-80°) | 302.5 | 4.2 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 22.6 | 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: P141599
 CATALOG NUMBER: EMM-E03-LED-E1-SLR-7030

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 0° | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 |
| 2.5° | 932.5 | 935.3 | 935.3 | 933.4 | 932.5 | 933.4 | 934.4 | 933.4 | 934.4 | 936.2 | 935.3 |
| 5° | 920.7 | 922.5 | 923.4 | 923.4 | 923.4 | 925.2 | 928.0 | 927.1 | 929.8 | 931.6 | 931.6 |
| 7.5° | 892.3 | 896.0 | 896.0 | 896.9 | 898.7 | 901.5 | 906.0 | 907.9 | 912.4 | 918.8 | 920.7 |
| 10° | 875.0 | 875.9 | 873.2 | 872.2 | 874.1 | 879.6 | 882.3 | 886.9 | 894.2 | 901.5 | 908.8 |
| 12.5° | 879.6 | 880.5 | 875.9 | 876.8 | 876.8 | 879.6 | 887.8 | 891.4 | 894.2 | 898.7 | 906.0 |
| 15° | 917.0 | 917.0 | 911.5 | 913.4 | 914.3 | 917.9 | 917.9 | 911.5 | 909.7 | 905.1 | 901.5 |
| 17.5° | 967.2 | 959.9 | 959.0 | 958.1 | 961.8 | 958.1 | 949.9 | 935.3 | 917.9 | 899.7 | 885.0 |
| 20° | 1019.3 | 1020.2 | 1014.7 | 1013.8 | 1003.8 | 991.0 | 967.2 | 938.0 | 907.0 | 878.6 | 849.4 |
| 22.5° | 1096.9 | 1098.8 | 1088.7 | 1068.6 | 1046.7 | 1012.9 | 970.0 | 925.2 | 880.5 | 841.2 | 807.4 |
| 25° | 1214.8 | 1195.6 | 1172.7 | 1130.7 | 1075.0 | 1015.6 | 956.3 | 900.6 | 842.1 | 790.0 | 747.1 |
| 27.5° | 1331.7 | 1293.3 | 1232.1 | 1163.6 | 1085.1 | 1008.3 | 938.0 | 863.1 | 793.7 | 730.7 | 681.4 |
| 30° | 1440.4 | 1369.1 | 1281.4 | 1183.7 | 1083.2 | 984.6 | 895.1 | 810.1 | 727.9 | 660.4 | 601.9 |
| 32.5° | 1550.9 | 1446.7 | 1325.3 | 1188.3 | 1055.8 | 938.0 | 834.8 | 737.1 | 655.8 | 573.6 | 510.6 |
| 35° | 1689.7 | 1532.6 | 1351.8 | 1170.9 | 1008.3 | 864.9 | 754.4 | 661.3 | 573.6 | 490.5 | 424.7 |
| 37.5° | 1816.7 | 1601.1 | 1365.5 | 1141.7 | 946.2 | 789.1 | 667.7 | 572.7 | 490.5 | 420.1 | 363.5 |
| 40° | 1909.8 | 1645.9 | 1363.6 | 1104.2 | 883.2 | 711.5 | 591.9 | 506.0 | 432.0 | 376.3 | 332.5 |
| 42.5° | 1982.9 | 1671.4 | 1354.5 | 1068.6 | 828.4 | 654.9 | 542.5 | 464.0 | 405.5 | 360.8 | 327.0 |
| 45° | 2033.1 | 1689.7 | 1349.0 | 1040.3 | 791.9 | 627.5 | 526.1 | 460.3 | 411.0 | 370.8 | 332.5 |
| 47.5° | 2077.0 | 1710.7 | 1347.2 | 1027.5 | 783.7 | 635.7 | 548.0 | 488.6 | 434.8 | 382.7 | 331.5 |
| 50° | 2120.8 | 1731.7 | 1363.6 | 1048.5 | 814.7 | 681.4 | 599.2 | 523.3 | 449.4 | 379.0 | 316.0 |
| 52.5° | 2181.1 | 1792.9 | 1424.8 | 1108.8 | 882.3 | 745.3 | 647.6 | 551.7 | 452.1 | 369.9 | 301.4 |
| 55° | 2271.5 | 1887.9 | 1512.5 | 1188.3 | 955.4 | 814.7 | 686.8 | 562.6 | 449.4 | 359.9 | 287.7 |
| 57.5° | 2419.5 | 2027.6 | 1632.2 | 1298.8 | 1050.4 | 868.6 | 708.8 | 567.2 | 443.0 | 348.9 | 276.7 |
| 60° | 2606.7 | 2187.5 | 1782.9 | 1414.8 | 1131.6 | 906.0 | 717.9 | 565.4 | 433.8 | 336.1 | 261.2 |
| 62.5° | 2819.5 | 2362.8 | 1918.9 | 1520.7 | 1190.1 | 923.4 | 714.2 | 550.8 | 412.8 | 309.6 | 239.3 |
| 65° | 3006.7 | 2502.6 | 2033.1 | 1605.7 | 1226.6 | 923.4 | 691.4 | 517.0 | 375.4 | 272.2 | 211.0 |
| 67.5° | 3160.2 | 2620.4 | 2120.8 | 1655.0 | 1230.3 | 891.4 | 636.6 | 455.8 | 316.0 | 225.6 | 178.1 |
| 70° | 3240.6 | 2657.8 | 2148.2 | 1649.5 | 1169.1 | 799.2 | 536.1 | 354.4 | 232.0 | 175.4 | 143.4 |
| 72.5° | 3152.0 | 2569.3 | 2031.3 | 1490.6 | 975.5 | 596.4 | 375.4 | 241.1 | 166.2 | 136.1 | 118.7 |
| 75° | 2804.9 | 2180.2 | 1690.6 | 1152.6 | 698.7 | 371.7 | 232.9 | 169.0 | 131.5 | 113.3 | 104.1 |
| 77.5° | 2094.3 | 1624.9 | 1163.6 | 729.8 | 400.0 | 225.6 | 163.5 | 128.8 | 110.5 | 99.6 | 91.3 |
| 80° | 1317.1 | 1001.0 | 699.6 | 401.9 | 228.3 | 166.2 | 136.1 | 115.1 | 100.5 | 86.8 | 78.5 |
| 82.5° | 733.4 | 533.4 | 356.2 | 229.3 | 158.9 | 134.3 | 117.8 | 105.9 | 89.5 | 75.8 | 67.6 |
| 85° | 501.4 | 329.7 | 224.7 | 150.7 | 109.6 | 97.7 | 87.7 | 80.4 | 68.5 | 57.5 | 53.0 |
| 87.5° | 203.7 | 190.0 | 137.9 | 60.3 | 44.8 | 40.2 | 35.6 | 43.8 | 36.5 | 28.3 | 26.5 |
| 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-SLR-7030

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 |
| 2.5° | 937.1 | 935.3 | 936.2 | 935.3 | 934.4 | 933.4 | 932.5 | 933.4 | 931.6 | 932.5 | 932.5 |
| 5° | 934.4 | 932.5 | 935.3 | 934.4 | 932.5 | 932.5 | 931.6 | 931.6 | 931.6 | 931.6 | 932.5 |
| 7.5° | 926.1 | 926.1 | 928.9 | 928.9 | 927.1 | 927.1 | 925.2 | 924.3 | 924.3 | 925.2 | 927.1 |
| 10° | 915.2 | 917.9 | 922.5 | 920.7 | 917.0 | 915.2 | 912.4 | 910.6 | 909.7 | 911.5 | 913.4 |
| 12.5° | 907.0 | 908.8 | 906.0 | 903.3 | 897.8 | 891.4 | 890.5 | 885.9 | 883.2 | 887.8 | 887.8 |
| 15° | 893.3 | 885.9 | 875.9 | 866.8 | 854.0 | 847.6 | 840.3 | 838.5 | 832.1 | 833.0 | 837.5 |
| 17.5° | 864.0 | 844.8 | 829.3 | 820.2 | 809.2 | 804.7 | 796.4 | 791.9 | 787.3 | 782.7 | 785.5 |
| 20° | 822.9 | 801.9 | 781.8 | 770.0 | 752.6 | 748.9 | 735.2 | 735.2 | 729.8 | 730.7 | 736.2 |
| 22.5° | 770.9 | 738.9 | 713.3 | 698.7 | 680.4 | 673.1 | 666.7 | 662.2 | 659.4 | 664.9 | 658.5 |
| 25° | 702.4 | 664.0 | 640.3 | 619.3 | 599.2 | 591.9 | 583.6 | 580.9 | 581.8 | 578.2 | 584.5 |
| 27.5° | 632.0 | 584.5 | 559.0 | 535.2 | 520.6 | 507.8 | 501.4 | 499.6 | 495.9 | 506.0 | 500.5 |
| 30° | 543.4 | 500.5 | 470.4 | 445.7 | 428.4 | 422.0 | 415.6 | 413.7 | 419.2 | 411.9 | 408.3 |
| 32.5° | 453.9 | 407.4 | 381.8 | 360.8 | 348.0 | 335.2 | 333.4 | 329.7 | 323.3 | 331.5 | 329.7 |
| 35° | 372.6 | 333.4 | 306.9 | 294.1 | 276.7 | 271.3 | 260.3 | 257.6 | 258.5 | 260.3 | 259.4 |
| 37.5° | 323.3 | 295.9 | 272.2 | 254.8 | 242.0 | 234.7 | 231.1 | 227.4 | 227.4 | 225.6 | 224.7 |
| 40° | 300.5 | 277.7 | 255.7 | 239.3 | 229.3 | 223.8 | 220.1 | 216.5 | 213.7 | 211.0 | 208.2 |
| 42.5° | 296.8 | 269.4 | 244.8 | 228.3 | 219.2 | 217.4 | 216.5 | 213.7 | 210.1 | 205.5 | 201.9 |
| 45° | 294.1 | 259.4 | 233.8 | 219.2 | 212.8 | 211.9 | 211.9 | 209.2 | 206.4 | 201.9 | 196.4 |
| 47.5° | 285.0 | 246.6 | 221.9 | 211.0 | 208.2 | 209.2 | 208.2 | 205.5 | 203.7 | 199.1 | 192.7 |
| 50° | 264.9 | 227.4 | 203.7 | 195.5 | 194.5 | 193.6 | 193.6 | 192.7 | 190.9 | 187.2 | 180.8 |
| 52.5° | 247.5 | 210.1 | 190.9 | 185.4 | 183.6 | 183.6 | 181.8 | 180.8 | 177.2 | 174.4 | 169.9 |
| 55° | 236.6 | 200.9 | 184.5 | 180.8 | 180.8 | 179.9 | 178.1 | 175.4 | 172.6 | 169.0 | 163.5 |
| 57.5° | 226.5 | 193.6 | 179.9 | 177.2 | 178.1 | 177.2 | 175.4 | 173.5 | 169.9 | 165.3 | 158.9 |
| 60° | 211.9 | 182.7 | 170.8 | 169.9 | 171.7 | 173.5 | 172.6 | 171.7 | 169.0 | 162.6 | 153.4 |
| 62.5° | 190.9 | 164.4 | 155.3 | 157.1 | 158.9 | 160.7 | 159.8 | 158.9 | 156.2 | 150.7 | 142.5 |
| 65° | 169.9 | 150.7 | 145.2 | 147.0 | 148.9 | 148.9 | 148.9 | 147.0 | 145.2 | 138.8 | 132.4 |
| 67.5° | 149.8 | 137.9 | 136.1 | 137.9 | 138.8 | 138.8 | 139.7 | 137.9 | 135.2 | 130.6 | 124.2 |
| 70° | 127.9 | 122.4 | 122.4 | 124.2 | 125.1 | 124.2 | 125.1 | 122.4 | 119.6 | 116.9 | 110.5 |
| 72.5° | 114.2 | 114.2 | 113.3 | 113.3 | 113.3 | 111.4 | 110.5 | 108.7 | 105.9 | 103.2 | 97.7 |
| 75° | 101.4 | 101.4 | 100.5 | 102.3 | 98.6 | 95.9 | 95.0 | 93.2 | 90.4 | 86.8 | 83.1 |
| 77.5° | 86.8 | 84.9 | 84.9 | 87.7 | 86.8 | 83.1 | 80.4 | 79.5 | 75.8 | 72.2 | 70.3 |
| 80° | 74.9 | 73.1 | 73.1 | 72.2 | 70.3 | 69.4 | 65.8 | 62.1 | 61.2 | 61.2 | 58.5 |
| 82.5° | 65.8 | 64.8 | 62.1 | 60.3 | 57.5 | 54.8 | 52.1 | 50.2 | 47.5 | 46.6 | 47.5 |
| 85° | 52.1 | 53.0 | 50.2 | 48.4 | 45.7 | 42.0 | 39.3 | 37.4 | 35.6 | 35.6 | 39.3 |
| 87.5° | 30.1 | 28.3 | 28.3 | 27.4 | 26.5 | 23.7 | 23.7 | 21.0 | 20.1 | 25.6 | 26.5 |
| 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-SLR-7030

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 |
| 2.5° | 933.4 | 933.4 | 930.7 | 932.5 | 931.6 | 932.5 | 936.2 | 932.5 | 931.6 | 934.4 | 937.1 |
| 5° | 933.4 | 935.3 | 932.5 | 934.4 | 934.4 | 937.1 | 941.7 | 938.9 | 940.8 | 944.4 | 948.1 |
| 7.5° | 929.8 | 932.5 | 932.5 | 936.2 | 938.9 | 943.5 | 949.9 | 948.1 | 951.7 | 957.2 | 961.8 |
| 10° | 919.7 | 924.3 | 928.9 | 934.4 | 940.8 | 948.1 | 957.2 | 957.2 | 960.8 | 968.2 | 972.7 |
| 12.5° | 895.1 | 907.0 | 912.4 | 925.2 | 935.3 | 946.2 | 956.3 | 962.7 | 965.4 | 971.8 | 977.3 |
| 15° | 845.8 | 860.4 | 871.3 | 886.9 | 903.3 | 918.8 | 936.2 | 942.6 | 948.1 | 950.8 | 953.5 |
| 17.5° | 789.1 | 799.2 | 806.5 | 826.6 | 844.8 | 859.5 | 875.9 | 884.1 | 890.5 | 890.5 | 892.3 |
| 20° | 742.6 | 747.1 | 748.9 | 748.9 | 759.9 | 773.6 | 794.6 | 791.9 | 797.4 | 791.9 | 797.4 |
| 22.5° | 670.4 | 663.1 | 666.7 | 666.7 | 674.1 | 671.3 | 679.5 | 693.2 | 691.4 | 695.1 | 710.6 |
| 25° | 582.7 | 583.6 | 577.2 | 577.2 | 578.2 | 580.0 | 583.6 | 587.3 | 600.1 | 613.8 | 623.8 |
| 27.5° | 499.6 | 497.8 | 493.2 | 489.6 | 485.9 | 492.3 | 496.9 | 495.9 | 514.2 | 525.2 | 543.4 |
| 30° | 408.3 | 408.3 | 409.2 | 407.4 | 411.0 | 406.4 | 413.7 | 415.6 | 431.1 | 443.0 | 459.4 |
| 32.5° | 332.5 | 334.3 | 334.3 | 333.4 | 339.8 | 335.2 | 338.9 | 343.4 | 353.5 | 363.5 | 371.7 |
| 35° | 264.0 | 266.7 | 274.0 | 276.7 | 279.5 | 275.8 | 280.4 | 285.9 | 286.8 | 295.9 | 302.3 |
| 37.5° | 223.8 | 228.3 | 229.3 | 231.1 | 231.1 | 233.8 | 234.7 | 238.4 | 238.4 | 241.1 | 243.0 |
| 40° | 206.4 | 204.6 | 203.7 | 202.8 | 200.9 | 201.9 | 202.8 | 205.5 | 206.4 | 208.2 | 208.2 |
| 42.5° | 198.2 | 195.5 | 190.9 | 188.2 | 184.5 | 184.5 | 184.5 | 184.5 | 187.2 | 189.1 | 189.1 |
| 45° | 190.9 | 186.3 | 181.8 | 177.2 | 174.4 | 172.6 | 173.5 | 174.4 | 176.3 | 177.2 | 178.1 |
| 47.5° | 186.3 | 179.9 | 172.6 | 168.1 | 165.3 | 163.5 | 164.4 | 165.3 | 165.3 | 166.2 | 167.1 |
| 50° | 173.5 | 167.1 | 160.7 | 156.2 | 153.4 | 152.5 | 152.5 | 151.6 | 152.5 | 153.4 | 153.4 |
| 52.5° | 163.5 | 157.1 | 151.6 | 147.0 | 144.3 | 144.3 | 143.4 | 141.6 | 142.5 | 141.6 | 142.5 |
| 55° | 158.0 | 149.8 | 143.4 | 138.8 | 136.1 | 136.1 | 134.3 | 135.2 | 135.2 | 133.3 | 134.3 |
| 57.5° | 151.6 | 143.4 | 137.9 | 132.4 | 128.8 | 128.8 | 127.9 | 128.8 | 129.7 | 127.0 | 127.0 |
| 60° | 145.2 | 137.9 | 131.5 | 127.0 | 122.4 | 123.3 | 122.4 | 124.2 | 124.2 | 121.5 | 121.5 |
| 62.5° | 133.3 | 127.0 | 123.3 | 120.6 | 116.9 | 117.8 | 117.8 | 120.6 | 117.8 | 116.0 | 115.1 |
| 65° | 124.2 | 119.6 | 114.2 | 114.2 | 110.5 | 112.3 | 112.3 | 112.3 | 109.6 | 108.7 | 109.6 |
| 67.5° | 117.8 | 112.3 | 108.7 | 105.0 | 102.3 | 103.2 | 101.4 | 101.4 | 100.5 | 99.6 | 101.4 |
| 70° | 105.9 | 101.4 | 99.6 | 95.9 | 94.1 | 91.3 | 90.4 | 90.4 | 90.4 | 89.5 | 90.4 |
| 72.5° | 94.1 | 90.4 | 88.6 | 84.9 | 83.1 | 81.3 | 80.4 | 79.5 | 78.5 | 79.5 | 79.5 |
| 75° | 79.5 | 77.6 | 75.8 | 74.0 | 72.2 | 71.2 | 70.3 | 70.3 | 69.4 | 68.5 | 69.4 |
| 77.5° | 68.5 | 65.8 | 64.8 | 63.0 | 63.9 | 61.2 | 60.3 | 61.2 | 61.2 | 61.2 | 62.1 |
| 80° | 58.5 | 56.6 | 56.6 | 54.8 | 53.9 | 52.1 | 53.0 | 53.0 | 53.0 | 53.0 | 53.9 |
| 82.5° | 51.1 | 49.3 | 49.3 | 48.4 | 45.7 | 43.8 | 44.8 | 46.6 | 46.6 | 45.7 | 47.5 |
| 85° | 42.0 | 40.2 | 40.2 | 39.3 | 35.6 | 34.7 | 33.8 | 35.6 | 36.5 | 34.7 | 36.5 |
| 87.5° | 27.4 | 25.6 | 24.7 | 24.7 | 21.0 | 14.6 | 19.2 | 21.0 | 21.0 | 17.4 | 20.1 |
| 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-SLR-7030

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 |
| 2.5° | 936.2 | 938.0 | 938.0 | 939.8 | 943.5 | 939.8 | 938.0 | 940.8 | 940.8 | 939.8 | 939.8 |
| 5° | 948.1 | 951.7 | 952.6 | 958.1 | 960.8 | 959.0 | 960.8 | 962.7 | 963.6 | 961.8 | 963.6 |
| 7.5° | 963.6 | 968.2 | 972.7 | 979.1 | 984.6 | 983.7 | 986.4 | 990.1 | 991.0 | 991.0 | 992.8 |
| 10° | 976.4 | 982.8 | 987.3 | 995.6 | 1001.9 | 1003.8 | 1006.5 | 1011.1 | 1015.6 | 1015.6 | 1019.3 |
| 12.5° | 979.1 | 986.4 | 991.0 | 998.3 | 1009.3 | 1012.9 | 1019.3 | 1030.3 | 1034.8 | 1038.5 | 1041.2 |
| 15° | 955.4 | 961.8 | 968.2 | 978.2 | 991.0 | 1001.9 | 1016.6 | 1032.1 | 1045.8 | 1055.8 | 1059.5 |
| 17.5° | 893.3 | 894.2 | 900.6 | 915.2 | 941.7 | 953.5 | 971.8 | 1003.8 | 1023.0 | 1041.2 | 1058.6 |
| 20° | 801.9 | 819.3 | 825.7 | 844.8 | 870.4 | 888.7 | 909.7 | 938.9 | 968.2 | 1001.0 | 1030.3 |
| 22.5° | 721.5 | 744.4 | 762.6 | 785.5 | 806.5 | 827.5 | 854.0 | 879.6 | 911.5 | 943.5 | 978.2 |
| 25° | 639.3 | 660.4 | 685.9 | 710.6 | 735.2 | 761.7 | 794.6 | 822.0 | 854.0 | 891.4 | 935.3 |
| 27.5° | 559.9 | 581.8 | 610.1 | 639.3 | 659.4 | 695.1 | 722.5 | 762.6 | 799.2 | 840.3 | 889.6 |
| 30° | 476.8 | 497.8 | 511.5 | 543.4 | 571.8 | 607.4 | 649.4 | 688.7 | 732.5 | 778.2 | 835.7 |
| 32.5° | 386.3 | 399.1 | 418.3 | 440.2 | 473.1 | 510.6 | 554.4 | 596.4 | 656.7 | 713.3 | 768.1 |
| 35° | 309.6 | 316.0 | 315.1 | 339.8 | 354.4 | 399.1 | 453.9 | 494.1 | 554.4 | 623.8 | 696.0 |
| 37.5° | 243.9 | 243.0 | 248.4 | 252.1 | 270.4 | 299.6 | 342.5 | 394.6 | 464.0 | 538.9 | 611.0 |
| 40° | 208.2 | 209.2 | 210.1 | 210.1 | 213.7 | 232.9 | 271.3 | 325.2 | 391.8 | 458.5 | 538.0 |
| 42.5° | 191.8 | 193.6 | 194.5 | 196.4 | 198.2 | 204.6 | 232.0 | 282.2 | 338.9 | 410.1 | 481.3 |
| 45° | 179.9 | 182.7 | 185.4 | 185.4 | 187.2 | 189.1 | 204.6 | 243.0 | 299.6 | 367.2 | 442.1 |
| 47.5° | 169.9 | 172.6 | 174.4 | 175.4 | 177.2 | 179.0 | 187.2 | 213.7 | 268.5 | 329.7 | 407.4 |
| 50° | 155.3 | 158.0 | 159.8 | 162.6 | 162.6 | 162.6 | 168.1 | 187.2 | 229.3 | 289.5 | 365.3 |
| 52.5° | 143.4 | 145.2 | 148.0 | 149.8 | 150.7 | 151.6 | 154.4 | 165.3 | 197.3 | 253.9 | 325.2 |
| 55° | 137.0 | 138.8 | 141.6 | 143.4 | 145.2 | 146.1 | 148.0 | 152.5 | 175.4 | 223.8 | 290.4 |
| 57.5° | 128.8 | 131.5 | 135.2 | 137.0 | 138.8 | 139.7 | 140.7 | 142.5 | 158.0 | 194.5 | 249.3 |
| 60° | 123.3 | 127.9 | 132.4 | 135.2 | 136.1 | 137.0 | 137.9 | 136.1 | 142.5 | 165.3 | 208.2 |
| 62.5° | 116.9 | 121.5 | 125.1 | 128.8 | 129.7 | 130.6 | 131.5 | 128.8 | 127.9 | 138.8 | 162.6 |
| 65° | 111.4 | 114.2 | 116.9 | 119.6 | 119.6 | 120.6 | 119.6 | 116.0 | 113.3 | 113.3 | 124.2 |
| 67.5° | 104.1 | 105.9 | 108.7 | 109.6 | 109.6 | 109.6 | 108.7 | 107.8 | 103.2 | 101.4 | 103.2 |
| 70° | 93.2 | 95.9 | 98.6 | 100.5 | 100.5 | 99.6 | 98.6 | 95.9 | 94.1 | 92.2 | 94.1 |
| 72.5° | 83.1 | 86.8 | 87.7 | 88.6 | 87.7 | 87.7 | 87.7 | 85.9 | 86.8 | 86.8 | 87.7 |
| 75° | 73.1 | 74.9 | 74.9 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 78.5 | 77.6 | 78.5 |
| 77.5° | 62.1 | 63.0 | 64.8 | 64.8 | 64.8 | 65.8 | 67.6 | 67.6 | 69.4 | 70.3 | 70.3 |
| 80° | 53.9 | 52.1 | 52.1 | 51.1 | 52.1 | 53.9 | 55.7 | 59.4 | 59.4 | 60.3 | 61.2 |
| 82.5° | 42.9 | 39.3 | 37.4 | 39.3 | 39.3 | 40.2 | 43.8 | 47.5 | 47.5 | 50.2 | 51.1 |
| 85° | 32.9 | 28.3 | 24.7 | 26.5 | 26.5 | 28.3 | 32.0 | 33.8 | 36.5 | 37.4 | 36.5 |
| 87.5° | 19.2 | 16.4 | 11.0 | 9.1 | 11.0 | 13.7 | 14.6 | 16.4 | 13.7 | 15.5 | 16.4 |
| 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: P141599

CATALOG NUMBER: EMM-E03-LED-E1-SLR-7030

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 |
| 2.5° | 941.7 | 941.7 | 937.1 | 937.1 | 938.0 | 939.8 | 935.3 | 934.4 | 935.3 | 934.4 | 933.4 |
| 5° | 966.3 | 963.6 | 962.7 | 960.8 | 959.9 | 961.8 | 957.2 | 957.2 | 956.3 | 954.5 | 951.7 |
| 7.5° | 993.7 | 991.9 | 990.1 | 988.2 | 986.4 | 987.3 | 982.8 | 981.9 | 980.9 | 980.0 | 977.3 |
| 10° | 1019.3 | 1016.6 | 1014.7 | 1010.2 | 1006.5 | 1002.9 | 993.7 | 991.0 | 988.2 | 986.4 | 985.5 |
| 12.5° | 1040.3 | 1037.6 | 1031.2 | 1023.0 | 1017.5 | 1008.3 | 1001.0 | 994.6 | 991.9 | 989.2 | 990.1 |
| 15° | 1060.4 | 1054.9 | 1046.7 | 1036.7 | 1031.2 | 1022.0 | 1016.6 | 1013.8 | 1012.0 | 1010.2 | 1012.0 |
| 17.5° | 1066.8 | 1068.6 | 1064.1 | 1061.3 | 1057.7 | 1054.0 | 1054.9 | 1057.7 | 1063.1 | 1063.1 | 1063.1 |
| 20° | 1054.9 | 1075.0 | 1087.8 | 1097.8 | 1106.1 | 1111.5 | 1112.5 | 1115.2 | 1121.6 | 1124.3 | 1138.0 |
| 22.5° | 1026.6 | 1078.7 | 1121.6 | 1156.3 | 1178.2 | 1185.5 | 1193.7 | 1202.9 | 1203.8 | 1206.5 | 1219.3 |
| 25° | 1000.1 | 1075.9 | 1139.9 | 1194.7 | 1245.8 | 1281.4 | 1301.5 | 1319.8 | 1324.4 | 1328.0 | 1328.0 |
| 27.5° | 953.5 | 1037.6 | 1119.8 | 1192.8 | 1263.2 | 1322.5 | 1369.1 | 1416.6 | 1449.5 | 1461.4 | 1478.7 |
| 30° | 904.2 | 992.8 | 1077.8 | 1170.0 | 1259.5 | 1342.6 | 1426.7 | 1503.4 | 1557.3 | 1597.4 | 1629.4 |
| 32.5° | 842.1 | 938.0 | 1034.8 | 1135.3 | 1242.2 | 1346.3 | 1458.6 | 1570.0 | 1672.3 | 1752.7 | 1802.0 |
| 35° | 777.3 | 877.7 | 978.2 | 1088.7 | 1209.3 | 1335.3 | 1478.7 | 1626.7 | 1763.7 | 1894.3 | 2006.6 |
| 37.5° | 706.0 | 801.0 | 910.6 | 1036.7 | 1166.3 | 1317.1 | 1484.2 | 1667.8 | 1857.8 | 2045.0 | 2190.2 |
| 40° | 624.7 | 717.0 | 822.9 | 955.4 | 1112.5 | 1282.3 | 1481.5 | 1699.7 | 1938.1 | 2171.0 | 2404.9 |
| 42.5° | 569.0 | 654.0 | 755.3 | 888.7 | 1048.5 | 1243.1 | 1470.5 | 1729.0 | 2011.2 | 2299.8 | 2593.9 |
| 45° | 527.0 | 610.1 | 709.7 | 837.5 | 1000.1 | 1204.7 | 1466.8 | 1761.9 | 2087.9 | 2418.6 | 2762.0 |
| 47.5° | 490.5 | 576.3 | 672.2 | 798.3 | 955.4 | 1170.0 | 1458.6 | 1789.3 | 2151.9 | 2509.9 | 2908.1 |
| 50° | 454.8 | 542.5 | 641.2 | 768.1 | 922.5 | 1132.6 | 1440.4 | 1813.9 | 2212.1 | 2604.9 | 3028.7 |
| 52.5° | 415.6 | 502.3 | 608.3 | 738.0 | 901.5 | 1108.8 | 1421.2 | 1834.0 | 2270.6 | 2706.3 | 3153.8 |
| 55° | 373.6 | 461.2 | 565.4 | 702.4 | 873.2 | 1090.5 | 1402.0 | 1846.8 | 2331.8 | 2797.6 | 3266.1 |
| 57.5° | 327.9 | 415.6 | 517.0 | 656.7 | 838.5 | 1065.9 | 1381.0 | 1845.9 | 2376.5 | 2883.4 | 3387.6 |
| 60° | 272.2 | 351.6 | 452.1 | 592.8 | 778.2 | 1031.2 | 1363.6 | 1838.6 | 2408.5 | 2959.3 | 3522.8 |
| 62.5° | 207.3 | 274.9 | 367.2 | 498.7 | 691.4 | 964.5 | 1318.0 | 1807.5 | 2412.2 | 3014.1 | 3635.1 |
| 65° | 148.0 | 184.5 | 257.6 | 389.1 | 548.9 | 815.6 | 1207.4 | 1725.3 | 2351.9 | 2974.8 | 3645.2 |
| 67.5° | 113.3 | 133.3 | 169.0 | 247.5 | 389.1 | 621.1 | 1017.5 | 1540.8 | 2164.6 | 2765.6 | 3477.1 |
| 70° | 97.7 | 107.8 | 127.0 | 161.7 | 243.9 | 402.8 | 720.6 | 1217.5 | 1782.9 | 2379.3 | 2986.7 |
| 72.5° | 90.4 | 96.8 | 108.7 | 126.0 | 155.3 | 237.5 | 443.9 | 818.4 | 1309.7 | 1813.9 | 2345.5 |
| 75° | 83.1 | 89.5 | 98.6 | 109.6 | 124.2 | 158.9 | 242.0 | 481.3 | 808.3 | 1198.3 | 1576.4 |
| 77.5° | 74.0 | 79.5 | 91.3 | 101.4 | 110.5 | 124.2 | 154.4 | 267.6 | 444.8 | 717.0 | 943.5 |
| 80° | 62.1 | 67.6 | 76.7 | 92.2 | 101.4 | 110.5 | 120.6 | 164.4 | 245.7 | 370.8 | 484.1 |
| 82.5° | 51.1 | 53.9 | 61.2 | 74.9 | 83.1 | 87.7 | 90.4 | 106.9 | 139.7 | 182.7 | 266.7 |
| 85° | 35.6 | 35.6 | 41.1 | 48.4 | 54.8 | 51.1 | 52.1 | 54.8 | 72.2 | 101.4 | 204.6 |
| 87.5° | 13.7 | 10.0 | 12.8 | 15.5 | 15.5 | 14.6 | 17.4 | 16.4 | 22.8 | 42.9 | 58.5 |
| 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: P141599
 CATALOG NUMBER: EMM-E03-LED-E1-SLR-7030

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° | |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0° | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 0° |
| 2.5° | 933.4 | 933.4 | 932.5 | 931.6 | 930.7 | 930.7 | 928.9 | 931.6 | 930.7 | 931.6 | 932.5 | 2.5° |
| 5° | 952.6 | 950.8 | 949.0 | 947.1 | 947.1 | 945.3 | 942.6 | 941.7 | 938.0 | 937.1 | 934.4 | 5° |
| 7.5° | 980.0 | 980.0 | 980.0 | 978.2 | 974.5 | 970.0 | 964.5 | 960.8 | 950.8 | 943.5 | 935.3 | 7.5° |
| 10° | 987.3 | 989.2 | 990.1 | 991.0 | 987.3 | 986.4 | 980.0 | 972.7 | 960.8 | 949.9 | 938.9 | 10° |
| 12.5° | 990.1 | 993.7 | 994.6 | 995.6 | 992.8 | 991.0 | 984.6 | 980.0 | 970.0 | 959.0 | 953.5 | 12.5° |
| 15° | 1015.6 | 1022.0 | 1029.3 | 1028.4 | 1036.7 | 1027.5 | 1022.0 | 1023.0 | 1012.0 | 1000.1 | 996.5 | 15° |
| 17.5° | 1081.4 | 1084.1 | 1099.7 | 1100.6 | 1113.4 | 1117.0 | 1107.9 | 1097.8 | 1091.5 | 1084.1 | 1068.6 | 17.5° |
| 20° | 1152.6 | 1172.7 | 1178.2 | 1205.6 | 1218.4 | 1224.8 | 1225.7 | 1225.7 | 1213.8 | 1181.9 | 1169.1 | 20° |
| 22.5° | 1230.3 | 1260.4 | 1293.3 | 1310.7 | 1337.1 | 1340.8 | 1354.5 | 1346.3 | 1337.1 | 1312.5 | 1283.3 | 22.5° |
| 25° | 1355.4 | 1372.8 | 1402.0 | 1445.8 | 1458.6 | 1485.1 | 1479.6 | 1491.5 | 1471.4 | 1428.5 | 1411.1 | 25° |
| 27.5° | 1495.2 | 1525.3 | 1566.4 | 1607.5 | 1625.8 | 1655.0 | 1636.7 | 1655.0 | 1622.1 | 1610.2 | 1568.2 | 27.5° |
| 30° | 1647.7 | 1688.8 | 1761.9 | 1813.0 | 1850.4 | 1870.5 | 1858.7 | 1848.6 | 1839.5 | 1817.6 | 1814.8 | 30° |
| 32.5° | 1834.9 | 1884.2 | 1953.7 | 2020.3 | 2086.1 | 2154.6 | 2171.0 | 2185.6 | 2219.4 | 2152.8 | 2087.9 | 32.5° |
| 35° | 2066.0 | 2103.4 | 2181.1 | 2257.8 | 2348.2 | 2434.1 | 2575.6 | 2611.3 | 2565.6 | 2486.1 | 2382.0 | 35° |
| 37.5° | 2291.6 | 2376.5 | 2454.2 | 2545.5 | 2613.1 | 2711.7 | 2774.8 | 2845.1 | 2806.7 | 2732.7 | 2613.1 | 37.5° |
| 40° | 2568.3 | 2683.4 | 2789.4 | 2901.7 | 2978.4 | 3055.2 | 3173.9 | 3250.6 | 3243.3 | 3151.1 | 2989.4 | 40° |
| 42.5° | 2822.3 | 3004.9 | 3180.3 | 3264.3 | 3366.6 | 3505.4 | 3593.1 | 3715.5 | 3723.7 | 3616.9 | 3411.4 | 42.5° |
| 45° | 3088.0 | 3300.8 | 3514.6 | 3679.9 | 3766.7 | 3938.4 | 4139.3 | 4272.7 | 4313.8 | 4110.1 | 3900.0 | 45° |
| 47.5° | 3296.3 | 3627.8 | 3914.6 | 4090.9 | 4252.6 | 4429.7 | 4688.2 | 4880.9 | 4864.5 | 4589.6 | 4311.9 | 47.5° |
| 50° | 3479.0 | 3900.9 | 4248.0 | 4538.4 | 4732.1 | 4936.7 | 5277.3 | 5507.5 | 5427.1 | 5077.3 | 4730.2 | 50° |
| 52.5° | 3644.3 | 4139.3 | 4568.6 | 4928.4 | 5154.0 | 5446.3 | 5876.5 | 6077.4 | 5849.1 | 5511.2 | 5081.9 | 52.5° |
| 55° | 3795.9 | 4354.9 | 4853.5 | 5286.5 | 5634.5 | 6011.7 | 6415.4 | 6553.3 | 6228.1 | 5810.7 | 5416.2 | 55° |
| 57.5° | 3935.6 | 4554.9 | 5115.7 | 5635.4 | 6102.1 | 6552.4 | 6904.0 | 6913.1 | 6504.9 | 6041.8 | 5665.5 | 57.5° |
| 60° | 4103.7 | 4738.5 | 5389.7 | 5997.1 | 6566.1 | 7033.7 | 7239.2 | 7174.4 | 6683.0 | 6214.4 | 5837.2 | 60° |
| 62.5° | 4266.3 | 4903.8 | 5613.5 | 6345.0 | 7031.0 | 7439.2 | 7480.3 | 7343.3 | 6805.4 | 6294.8 | 5966.0 | 62.5° |
| 65° | 4346.6 | 5029.8 | 5738.6 | 6566.1 | 7394.5 | 7681.3 | 7631.0 | 7416.4 | 6854.7 | 6306.7 | 5998.9 | 65° |
| 67.5° | 4228.8 | 4912.0 | 5618.9 | 6470.2 | 7392.7 | 7665.7 | 7536.1 | 7276.7 | 6735.0 | 6145.0 | 5846.4 | 67.5° |
| 70° | 3795.0 | 4457.1 | 5033.5 | 5834.5 | 6872.0 | 7141.5 | 6946.9 | 6690.3 | 6237.3 | 5660.0 | 5523.9 | 70° |
| 72.5° | 3193.1 | 3684.5 | 4166.7 | 4758.6 | 5470.1 | 5705.7 | 5449.0 | 5576.9 | 5460.0 | 4901.0 | 4776.8 | 72.5° |
| 75° | 2396.6 | 2856.0 | 3044.2 | 3226.0 | 3717.3 | 3858.0 | 3759.4 | 4197.8 | 4317.4 | 4084.5 | 3767.6 | 75° |
| 77.5° | 1568.2 | 2050.5 | 2085.2 | 2088.8 | 2289.8 | 2559.2 | 2916.3 | 3372.1 | 3598.6 | 3493.6 | 3109.0 | 77.5° |
| 80° | 914.3 | 1444.9 | 1292.4 | 1243.1 | 1421.2 | 1721.7 | 2193.0 | 2763.8 | 3063.4 | 3085.3 | 2718.1 | 80° |
| 82.5° | 459.4 | 906.0 | 784.6 | 776.3 | 876.8 | 1098.8 | 1443.1 | 1761.9 | 2151.9 | 2170.1 | 2218.5 | 82.5° |
| 85° | 357.1 | 622.9 | 637.5 | 691.4 | 761.7 | 854.0 | 879.6 | 936.2 | 1153.6 | 1354.5 | 1406.6 | 85° |
| 87.5° | 185.4 | 458.5 | 540.7 | 629.3 | 621.1 | 508.7 | 429.3 | 463.1 | 538.9 | 568.1 | 738.0 | 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° |



IUMBER: P141599

NUMBER: EMM-E03-LED-E1-SLR-7030

DISTRIBUTION (continued):

| 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|
| 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 | 931.6 |
| 930.7 | 932.5 | 931.6 | 932.5 | 933.4 | 933.4 | 932.5 |
| 929.8 | 928.9 | 925.2 | 923.4 | 923.4 | 921.6 | 920.7 |
| 924.3 | 917.9 | 908.8 | 903.3 | 899.7 | 896.9 | 892.3 |
| 925.2 | 914.3 | 902.4 | 894.2 | 885.9 | 880.5 | 875.0 |
| 937.1 | 923.4 | 912.4 | 899.7 | 893.3 | 885.9 | 879.6 |
| 978.2 | 959.9 | 947.1 | 935.3 | 928.0 | 922.5 | 917.0 |
| 1044.0 | 1022.0 | 1001.0 | 990.1 | 977.3 | 968.2 | 967.2 |
| 1132.6 | 1100.6 | 1073.2 | 1048.5 | 1036.7 | 1022.0 | 1019.3 |
| 1233.0 | 1186.4 | 1157.2 | 1129.8 | 1113.4 | 1096.0 | 1096.9 |
| 1360.9 | 1314.3 | 1266.8 | 1238.5 | 1214.8 | 1217.5 | 1214.8 |
| 1514.3 | 1477.8 | 1423.0 | 1388.3 | 1381.0 | 1352.7 | 1331.7 |
| 1753.6 | 1698.8 | 1632.2 | 1570.0 | 1530.8 | 1484.2 | 1440.4 |
| 1988.4 | 1887.0 | 1798.4 | 1738.1 | 1687.9 | 1619.4 | 1550.9 |
| 2220.4 | 2103.4 | 2021.2 | 1970.1 | 1892.5 | 1796.6 | 1689.7 |
| 2496.2 | 2419.5 | 2361.0 | 2235.9 | 2125.4 | 1978.3 | 1816.7 |
| 2894.4 | 2797.6 | 2657.8 | 2498.9 | 2339.1 | 2130.8 | 1909.8 |
| 3290.8 | 3173.9 | 2978.4 | 2744.6 | 2515.4 | 2264.2 | 1982.9 |
| 3721.0 | 3495.4 | 3240.6 | 2957.4 | 2675.2 | 2363.8 | 2033.1 |
| 4059.8 | 3778.5 | 3460.7 | 3120.9 | 2802.2 | 2446.0 | 2077.0 |
| 4406.0 | 4066.2 | 3667.1 | 3284.4 | 2917.2 | 2512.6 | 2120.8 |
| 4678.2 | 4299.1 | 3878.1 | 3433.3 | 3024.1 | 2587.5 | 2181.1 |
| 4950.4 | 4531.1 | 4067.1 | 3582.2 | 3156.5 | 2691.6 | 2271.5 |
| 5176.9 | 4741.2 | 4249.8 | 3744.7 | 3310.0 | 2830.5 | 2419.5 |
| 5475.5 | 5036.2 | 4464.5 | 3937.5 | 3483.5 | 3019.5 | 2606.7 |
| 5759.6 | 5382.4 | 4763.1 | 4164.0 | 3695.4 | 3233.3 | 2819.5 |
| 5946.8 | 5773.3 | 5069.1 | 4391.4 | 3894.5 | 3433.3 | 3006.7 |
| 5950.5 | 6021.7 | 5391.5 | 4575.9 | 4080.8 | 3650.7 | 3160.2 |
| 5807.1 | 6056.4 | 5460.0 | 4592.3 | 4169.4 | 3747.5 | 3240.6 |
| 5311.1 | 5629.0 | 5049.9 | 4268.1 | 4005.0 | 3671.7 | 3152.0 |
| 4108.2 | 4338.4 | 4038.8 | 3617.8 | 3626.9 | 3432.4 | 2804.9 |
| 2844.2 | 3061.6 | 2809.5 | 2720.0 | 2920.0 | 2811.3 | 2094.3 |
| 2154.6 | 1874.2 | 1775.6 | 1823.0 | 2072.4 | 2060.5 | 1317.1 |
| 1918.9 | 1418.4 | 1176.4 | 1234.8 | 1463.2 | 1336.2 | 733.4 |
| 1573.7 | 1414.8 | 1182.8 | 1069.5 | 1115.2 | 912.4 | 501.4 |
| 906.0 | 1034.8 | 843.0 | 794.6 | 691.4 | 411.0 | 203.7 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)