

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: P180768

Luminaire Tested: **ICM-E02-LED-E1-SL4-HSS**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P180768
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33728)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ICM-E02-LED-E1-SL4-HSS
Description: ICON SITE MEDIUM LED LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - TYPE 4 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD
Light Source: (42) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3785.7 lumens
Efficiency: N/A
Efficacy: 72.7 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 1' x H: 0.1')
IES Classification: Type IV - Short - Semi-Cutoff
BUG Rating: B0 - U0 - G2

Input Watts (W): 52.1
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

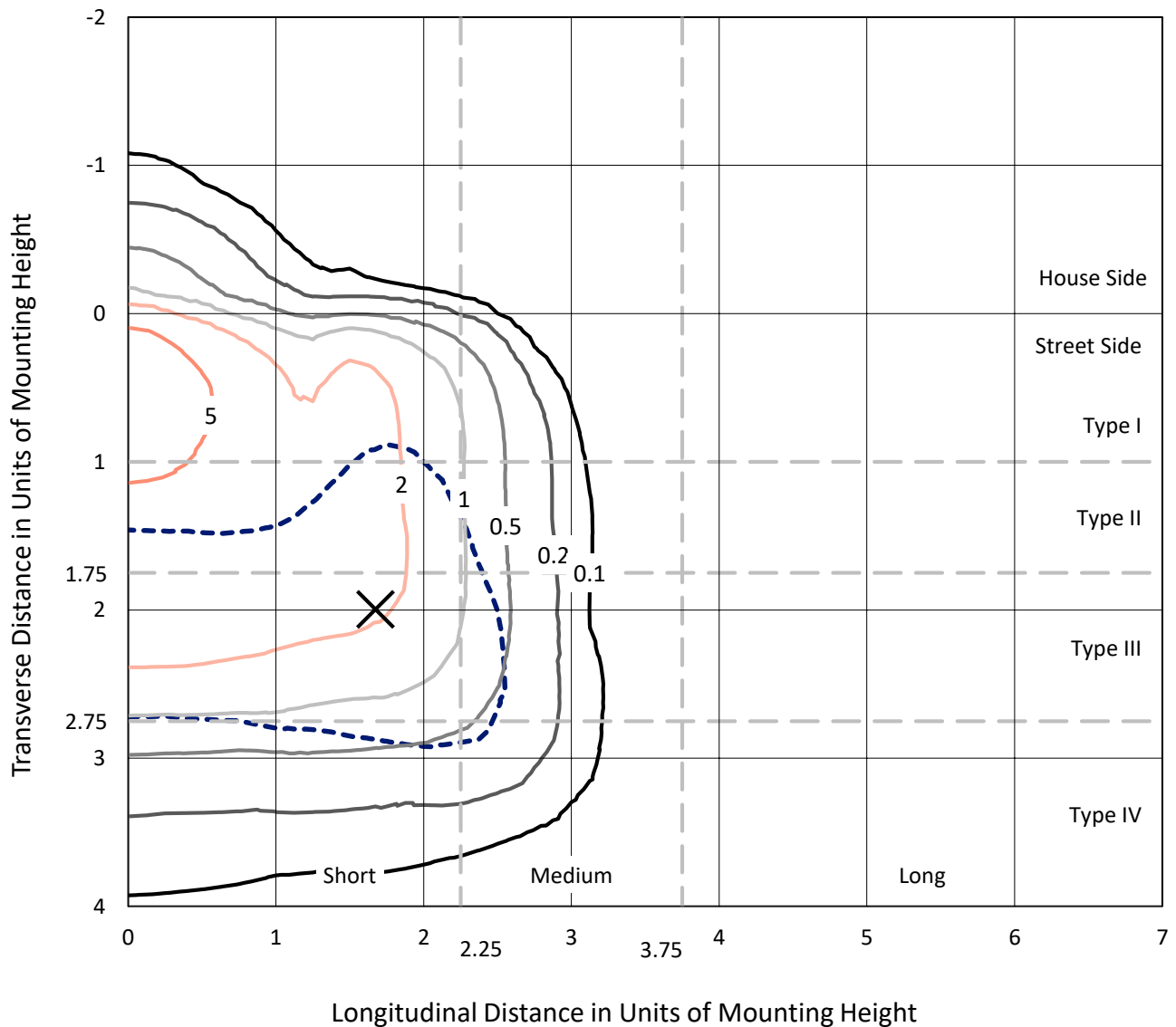


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

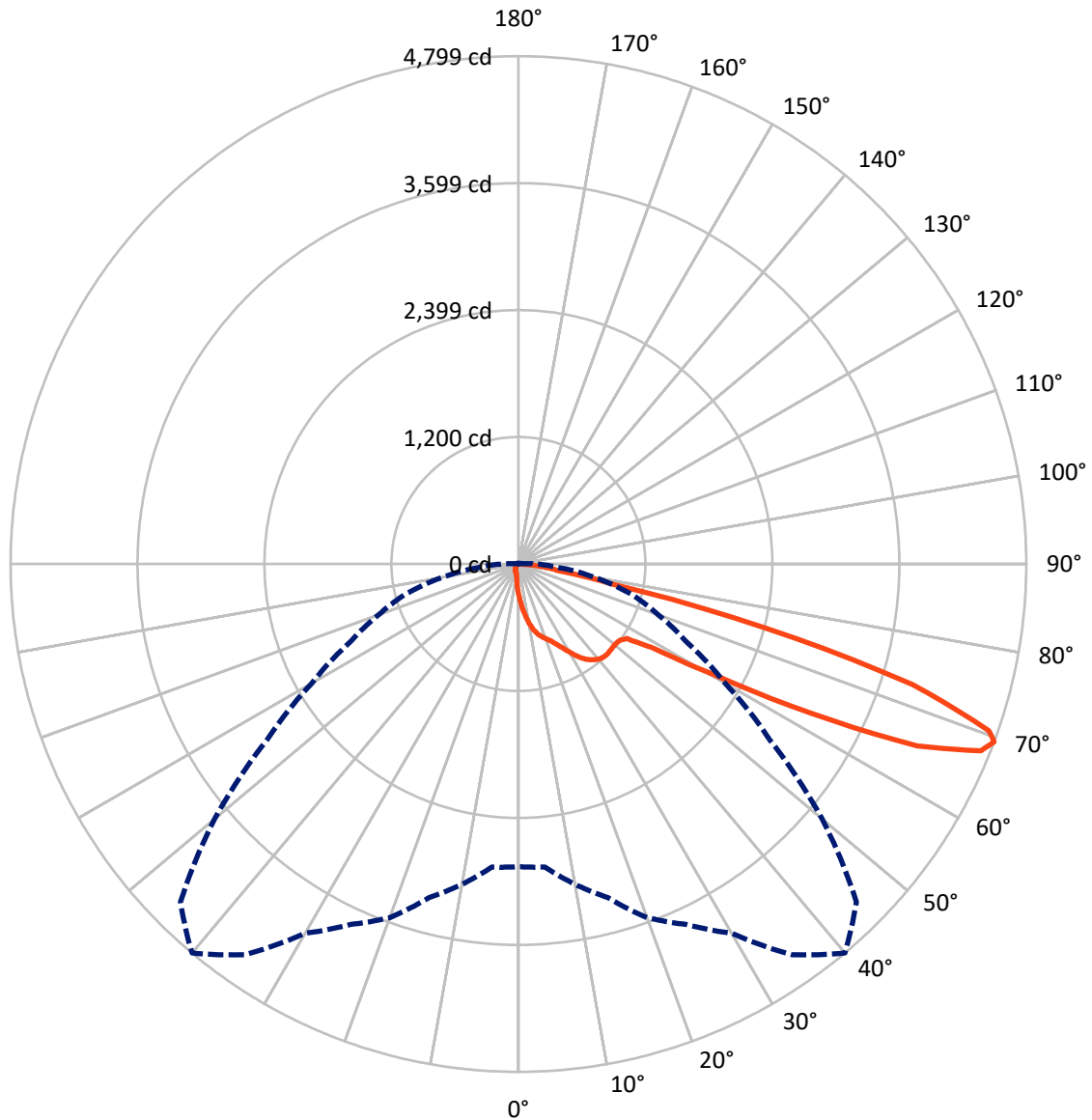


Based on 10 foot mounting height. Maximum calculated value = 8.5 fc
 Type IV - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 40-Deg Lateral - - - Horizontal Cone Through 69-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 112.7 | 0.0 | 112.7 |
| | % Fixture | 3.0 | 0.0 | 3.0 |
| Street Side | Lumens | 3673.0 | 0.0 | 3673.0 |
| | % Fixture | 97.0 | 0.0 | 97.0 |
| Total | Lumens | 3785.7 | 0.0 | 3785.7 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 29.4 | 0.8 |
| 10°-20° | 101.3 | 2.7 |
| 20°-30° | 193.9 | 5.1 |
| 30°-40° | 322.5 | 8.5 |
| 40°-50° | 436.4 | 11.5 |
| 50°-60° | 682.4 | 18.0 |
| 60°-70° | 1403.1 | 37.1 |
| 70°-80° | 564.6 | 14.9 |
| 80°-90° | 52.2 | 1.4 |
| 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° | 3785.7 | 100.0 |
| 0°-180° | 3785.7 | 100.0 |



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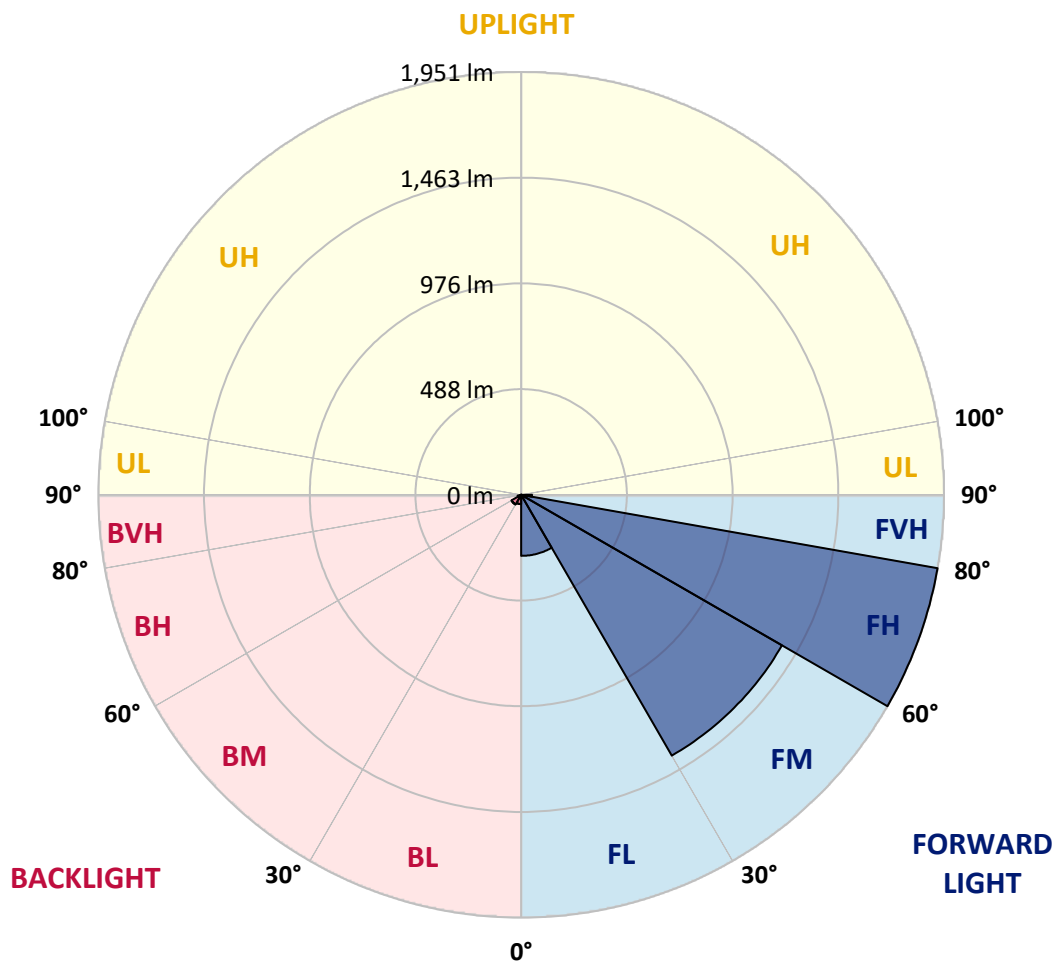
CATALOG NUMBER: ICM-E02-LED-E1-SL4-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 281.7 | 7.4 | | | |
| FM (30°-60°) | 1389.8 | 36.7 | | | |
| FH (60°-80°) | 1951.2 | 51.5 | | | G2/5000 |
| FVH (80°-90°) | 50.3 | 1.3 | | | G1/100 |
| BL (0°-30°) | 42.9 | 1.1 | B0/110 | | |
| BM (30°-60°) | 51.5 | 1.4 | B0/220 | | |
| BH (60°-80°) | 16.4 | 0.4 | B0/110 | | G0/110 |
| BVH (80°-90°) | 1.9 | 0.1 | | | G0/10 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B0-U0-G2

Type IV Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 285.9 | 285.9 | 285.9 | 285.9 | 285.9 | 285.9 | 285.9 | 285.9 | 285.9 | 285.9 | 285.9 |
| 2.5° | 381.4 | 377.0 | 372.1 | 372.1 | 365.9 | 365.9 | 362.1 | 352.3 | 351.0 | 345.4 | 339.8 |
| 5° | 486.8 | 483.1 | 476.9 | 471.4 | 466.3 | 457.7 | 451.4 | 439.7 | 426.7 | 414.2 | 403.1 |
| 7.5° | 589.8 | 587.9 | 576.7 | 574.9 | 566.8 | 552.6 | 540.2 | 522.8 | 500.5 | 483.1 | 462.6 |
| 10° | 685.3 | 680.9 | 678.4 | 667.9 | 656.1 | 640.7 | 621.4 | 600.3 | 574.2 | 547.0 | 517.9 |
| 12.5° | 760.9 | 758.4 | 747.3 | 743.0 | 730.5 | 715.1 | 690.9 | 663.5 | 637.5 | 602.1 | 568.1 |
| 15° | 817.4 | 813.0 | 805.6 | 798.8 | 783.9 | 770.2 | 747.9 | 718.1 | 686.5 | 648.1 | 607.2 |
| 17.5° | 864.5 | 856.5 | 854.6 | 844.0 | 828.6 | 812.4 | 787.6 | 760.3 | 723.1 | 684.7 | 640.0 |
| 20° | 927.7 | 916.6 | 912.8 | 897.4 | 879.4 | 857.0 | 828.6 | 794.4 | 755.4 | 713.2 | 667.3 |
| 22.5° | 1002.1 | 994.1 | 986.1 | 972.4 | 949.5 | 917.9 | 876.3 | 839.1 | 789.5 | 743.0 | 693.3 |
| 25° | 1107.6 | 1100.8 | 1087.7 | 1069.1 | 1040.7 | 1002.8 | 952.6 | 898.0 | 839.7 | 780.2 | 721.9 |
| 27.5° | 1210.0 | 1203.7 | 1194.4 | 1180.2 | 1147.9 | 1106.3 | 1044.4 | 974.9 | 901.1 | 829.1 | 764.7 |
| 30° | 1306.1 | 1300.5 | 1291.2 | 1276.9 | 1248.4 | 1207.4 | 1137.4 | 1063.0 | 971.2 | 887.4 | 810.0 |
| 32.5° | 1409.6 | 1407.7 | 1397.2 | 1376.8 | 1351.9 | 1296.8 | 1220.5 | 1140.5 | 1047.4 | 950.7 | 860.2 |
| 35° | 1526.8 | 1512.6 | 1502.6 | 1482.1 | 1440.0 | 1381.1 | 1291.8 | 1204.4 | 1106.3 | 1007.2 | 906.1 |
| 37.5° | 1626.1 | 1612.4 | 1600.0 | 1574.0 | 1522.5 | 1447.5 | 1346.3 | 1250.2 | 1149.1 | 1048.1 | 945.1 |
| 40° | 1698.6 | 1691.8 | 1676.9 | 1642.8 | 1585.1 | 1495.8 | 1386.7 | 1281.9 | 1180.2 | 1078.4 | 976.8 |
| 42.5° | 1752.6 | 1742.1 | 1725.3 | 1690.0 | 1621.7 | 1520.0 | 1402.8 | 1294.9 | 1194.4 | 1097.0 | 997.2 |
| 45° | 1772.4 | 1763.7 | 1748.2 | 1709.8 | 1636.0 | 1526.8 | 1402.1 | 1291.2 | 1195.1 | 1102.6 | 1010.9 |
| 47.5° | 1760.7 | 1751.9 | 1738.3 | 1702.3 | 1629.8 | 1518.8 | 1391.0 | 1280.7 | 1188.8 | 1104.5 | 1023.3 |
| 50° | 1721.6 | 1716.6 | 1706.1 | 1675.6 | 1610.5 | 1503.3 | 1381.1 | 1275.1 | 1187.6 | 1113.8 | 1040.7 |
| 52.5° | 1717.9 | 1714.7 | 1701.7 | 1671.4 | 1604.9 | 1498.3 | 1379.8 | 1278.1 | 1198.1 | 1125.6 | 1053.0 |
| 55° | 2099.3 | 2055.2 | 1956.6 | 1872.8 | 1735.2 | 1571.5 | 1442.5 | 1328.4 | 1242.8 | 1172.1 | 1121.2 |
| 57.5° | 2983.6 | 2917.9 | 2788.2 | 2628.9 | 2312.6 | 2001.9 | 1753.2 | 1573.3 | 1484.7 | 1452.4 | 1471.6 |
| 60° | 3397.9 | 3386.1 | 3365.6 | 3290.0 | 3128.1 | 2860.8 | 2563.1 | 2241.2 | 2112.3 | 2101.1 | 2140.2 |
| 62.5° | 3594.4 | 3587.0 | 3593.2 | 3583.9 | 3533.7 | 3455.6 | 3370.0 | 3231.0 | 3103.3 | 3020.8 | 2845.9 |
| 65° | 3685.0 | 3690.0 | 3725.3 | 3753.2 | 3759.4 | 3779.8 | 3842.5 | 4015.6 | 4142.1 | 3929.3 | 3443.7 |
| 67.5° | 3454.9 | 3484.0 | 3565.3 | 3667.0 | 3786.1 | 3901.4 | 4087.5 | 4452.1 | 4711.9 | 4462.1 | 3772.4 |
| 69° | 2860.2 | 2874.4 | 3072.9 | 3264.5 | 3555.4 | 3758.8 | 4028.6 | 4506.7 | 4798.8 | 4516.6 | 3746.3 |
| 70° | 2251.8 | 2264.9 | 2477.5 | 2738.0 | 3229.8 | 3491.5 | 3844.4 | 4414.3 | 4717.5 | 4444.0 | 3612.4 |
| 72.5° | 1015.8 | 997.2 | 1072.3 | 1211.8 | 1746.3 | 2161.9 | 2778.9 | 3576.5 | 3892.1 | 3560.3 | 2702.6 |
| 75° | 709.5 | 701.4 | 709.5 | 710.1 | 793.2 | 1023.3 | 1291.2 | 1938.6 | 2397.5 | 2068.8 | 1291.2 |
| 77.5° | 549.5 | 543.9 | 538.3 | 532.1 | 542.0 | 607.2 | 633.2 | 687.7 | 893.0 | 844.7 | 492.4 |
| 80° | 434.7 | 429.8 | 443.4 | 439.1 | 439.1 | 446.5 | 441.6 | 421.1 | 382.6 | 354.7 | 317.5 |
| 82.5° | 202.1 | 203.4 | 203.4 | 220.7 | 266.0 | 310.7 | 324.9 | 304.5 | 270.4 | 230.0 | 185.4 |
| 85° | 19.3 | 21.7 | 36.6 | 56.5 | 112.3 | 126.5 | 127.2 | 105.4 | 105.4 | 83.1 | 67.0 |
| 87.5° | 0.0 | 0.7 | 0.7 | 0.7 | 5.6 | 15.5 | 13.0 | 3.7 | 1.9 | 1.9 | 3.1 |
| 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: ICM-E02-LED-E1-SL4-HSS

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 0° | 285.9 | 285.9 | 285.9 | 285.9 | 285.9 | 285.9 | 285.9 | 285.9 | 285.9 | 285.9 | 285.9 |
| 2.5° | 330.0 | 328.1 | 320.7 | 313.2 | 306.3 | 298.9 | 292.1 | 285.3 | 277.9 | 272.3 | 265.4 |
| 5° | 385.8 | 372.1 | 356.6 | 341.7 | 326.8 | 311.4 | 295.2 | 280.9 | 266.0 | 252.4 | 239.4 |
| 7.5° | 442.1 | 415.5 | 394.4 | 367.7 | 343.5 | 319.4 | 297.0 | 274.1 | 253.0 | 233.2 | 214.6 |
| 10° | 490.0 | 457.7 | 424.8 | 390.7 | 356.0 | 323.7 | 292.7 | 265.4 | 237.5 | 213.3 | 190.4 |
| 12.5° | 529.0 | 488.1 | 447.7 | 404.9 | 365.9 | 324.9 | 286.5 | 253.7 | 220.7 | 193.5 | 170.0 |
| 15° | 564.4 | 517.2 | 468.8 | 419.3 | 369.6 | 323.1 | 280.3 | 239.4 | 205.9 | 174.9 | 148.2 |
| 17.5° | 592.8 | 538.9 | 484.4 | 428.6 | 375.2 | 320.7 | 272.3 | 229.5 | 190.4 | 158.1 | 132.1 |
| 20° | 617.7 | 561.2 | 502.3 | 439.7 | 378.9 | 320.0 | 265.4 | 217.0 | 176.7 | 142.6 | 117.2 |
| 22.5° | 640.7 | 584.2 | 520.9 | 454.0 | 384.5 | 319.4 | 259.3 | 207.7 | 164.9 | 130.9 | 105.4 |
| 25° | 666.7 | 607.2 | 540.7 | 468.8 | 394.4 | 321.9 | 255.5 | 200.3 | 154.4 | 119.7 | 96.1 |
| 27.5° | 695.8 | 633.2 | 564.4 | 487.4 | 407.4 | 326.8 | 254.2 | 192.3 | 145.1 | 109.1 | 88.7 |
| 30° | 736.7 | 664.2 | 587.9 | 506.0 | 419.3 | 332.4 | 253.0 | 187.3 | 135.8 | 101.1 | 81.2 |
| 32.5° | 772.7 | 694.6 | 614.0 | 525.3 | 432.3 | 338.0 | 252.4 | 180.5 | 127.2 | 93.0 | 75.6 |
| 35° | 810.5 | 722.5 | 636.3 | 543.9 | 443.4 | 344.2 | 251.8 | 175.5 | 119.1 | 84.9 | 70.0 |
| 37.5° | 843.4 | 746.1 | 653.7 | 560.0 | 455.8 | 349.8 | 252.4 | 171.2 | 111.6 | 78.1 | 65.1 |
| 40° | 871.4 | 770.2 | 672.8 | 574.9 | 468.8 | 358.4 | 253.0 | 166.8 | 104.2 | 71.9 | 60.7 |
| 42.5° | 896.1 | 793.2 | 693.3 | 591.6 | 483.7 | 368.4 | 256.7 | 163.1 | 98.0 | 66.3 | 56.5 |
| 45° | 915.4 | 814.2 | 715.6 | 615.2 | 507.9 | 384.5 | 263.5 | 160.7 | 91.8 | 61.4 | 52.7 |
| 47.5° | 935.2 | 845.3 | 753.5 | 652.4 | 543.3 | 410.0 | 275.4 | 160.0 | 86.8 | 57.7 | 49.6 |
| 50° | 962.5 | 876.3 | 787.0 | 690.2 | 575.5 | 436.0 | 289.6 | 160.7 | 80.7 | 54.0 | 46.5 |
| 52.5° | 982.3 | 907.9 | 830.4 | 756.0 | 652.4 | 515.4 | 344.8 | 171.8 | 77.5 | 50.9 | 42.8 |
| 55° | 1099.5 | 1086.5 | 1088.4 | 1100.8 | 1020.8 | 876.9 | 576.7 | 248.1 | 91.2 | 57.7 | 42.1 |
| 57.5° | 1550.4 | 1596.3 | 1623.0 | 1622.3 | 1490.2 | 1236.0 | 774.6 | 318.8 | 101.7 | 67.0 | 50.2 |
| 60° | 2143.3 | 2108.6 | 2059.5 | 1938.6 | 1763.1 | 1410.9 | 866.3 | 343.0 | 88.1 | 53.3 | 45.9 |
| 62.5° | 2667.3 | 2463.9 | 2283.5 | 2087.5 | 1857.4 | 1471.6 | 884.9 | 341.1 | 76.9 | 40.3 | 32.3 |
| 65° | 2994.2 | 2628.2 | 2336.8 | 2091.2 | 1820.2 | 1420.8 | 837.2 | 313.2 | 65.1 | 32.8 | 26.7 |
| 67.5° | 3072.3 | 2539.6 | 2127.2 | 1814.0 | 1520.7 | 1105.8 | 614.6 | 235.6 | 50.9 | 27.3 | 23.5 |
| 69° | 2901.7 | 2257.4 | 1762.5 | 1407.2 | 1106.3 | 733.7 | 380.2 | 148.8 | 39.1 | 24.8 | 21.7 |
| 70° | 2669.1 | 1963.5 | 1435.6 | 1129.3 | 819.3 | 515.4 | 266.0 | 104.8 | 31.6 | 23.0 | 19.8 |
| 72.5° | 1717.2 | 1031.4 | 705.8 | 491.2 | 338.0 | 205.3 | 104.2 | 47.2 | 24.2 | 19.3 | 16.1 |
| 75° | 666.1 | 381.4 | 276.6 | 210.2 | 164.4 | 114.1 | 63.3 | 30.4 | 20.5 | 16.1 | 12.4 |
| 77.5° | 328.1 | 251.2 | 205.3 | 140.7 | 81.9 | 50.9 | 34.1 | 23.5 | 16.7 | 11.8 | 8.1 |
| 80° | 259.3 | 172.4 | 103.0 | 63.9 | 48.4 | 36.6 | 26.0 | 19.3 | 12.4 | 7.4 | 5.6 |
| 82.5° | 132.7 | 72.6 | 53.3 | 43.4 | 36.0 | 28.6 | 21.1 | 13.7 | 8.1 | 4.9 | 4.4 |
| 85° | 41.6 | 30.4 | 27.3 | 26.7 | 24.8 | 20.5 | 14.9 | 8.7 | 4.9 | 3.1 | 3.1 |
| 87.5° | 3.1 | 4.4 | 5.6 | 4.4 | 4.9 | 4.4 | 5.6 | 3.7 | 2.5 | 2.5 | 1.9 |
| 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: P180768

CATALOG NUMBER: ICM-E02-LED-E1-SL4-HSS

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 285.9 | 285.9 | 285.9 | 285.9 | 285.9 | 285.9 | 285.9 | 285.9 | 285.9 | 285.9 | 285.9 |
| 2.5° | 260.5 | 253.0 | 246.2 | 241.9 | 233.8 | 230.7 | 227.6 | 226.3 | 220.7 | 222.0 | 217.0 |
| 5° | 227.6 | 214.6 | 204.7 | 194.7 | 185.4 | 178.6 | 173.0 | 166.2 | 160.7 | 158.1 | 153.2 |
| 7.5° | 197.9 | 181.1 | 168.1 | 157.5 | 146.3 | 137.7 | 130.2 | 125.3 | 120.3 | 115.3 | 112.8 |
| 10° | 171.8 | 153.8 | 138.9 | 128.4 | 117.9 | 110.4 | 104.8 | 101.1 | 98.0 | 96.1 | 95.5 |
| 12.5° | 147.6 | 130.2 | 116.6 | 107.3 | 99.3 | 95.5 | 93.0 | 91.2 | 90.5 | 90.0 | 90.0 |
| 15° | 129.0 | 111.6 | 101.1 | 94.2 | 90.5 | 88.7 | 88.1 | 86.8 | 85.6 | 84.9 | 84.9 |
| 17.5° | 111.6 | 98.6 | 91.2 | 87.4 | 85.6 | 84.4 | 83.1 | 81.9 | 80.7 | 80.0 | 80.0 |
| 20° | 99.8 | 89.3 | 85.6 | 83.1 | 81.2 | 80.0 | 78.1 | 76.9 | 76.3 | 75.6 | 75.1 |
| 22.5° | 90.5 | 83.7 | 81.2 | 79.3 | 76.9 | 75.1 | 73.8 | 72.6 | 71.3 | 70.7 | 70.0 |
| 25° | 83.7 | 79.3 | 77.5 | 75.1 | 72.6 | 70.7 | 68.8 | 67.0 | 65.8 | 65.1 | 63.9 |
| 27.5° | 78.8 | 75.6 | 73.2 | 70.0 | 67.6 | 65.8 | 63.9 | 62.0 | 60.7 | 59.5 | 58.9 |
| 30° | 74.4 | 71.3 | 68.2 | 65.8 | 62.6 | 60.7 | 58.3 | 56.5 | 55.8 | 54.6 | 53.3 |
| 32.5° | 70.0 | 67.0 | 63.9 | 60.7 | 57.7 | 55.2 | 54.0 | 51.4 | 50.2 | 49.6 | 48.4 |
| 35° | 65.1 | 62.0 | 58.3 | 55.8 | 52.7 | 50.2 | 48.4 | 46.5 | 45.3 | 44.0 | 43.4 |
| 37.5° | 60.7 | 57.0 | 53.3 | 50.2 | 47.7 | 45.3 | 43.4 | 41.6 | 40.3 | 39.1 | 38.4 |
| 40° | 55.8 | 52.1 | 48.4 | 45.3 | 42.8 | 40.9 | 39.1 | 37.2 | 36.0 | 35.3 | 35.3 |
| 42.5° | 51.4 | 47.2 | 43.4 | 40.9 | 39.1 | 36.6 | 34.7 | 32.8 | 32.3 | 31.6 | 32.3 |
| 45° | 47.2 | 42.8 | 39.7 | 37.2 | 35.3 | 32.8 | 31.0 | 29.8 | 29.1 | 29.8 | 30.4 |
| 47.5° | 43.4 | 39.1 | 36.0 | 34.1 | 32.3 | 30.4 | 28.6 | 27.3 | 27.3 | 28.6 | 29.8 |
| 50° | 39.7 | 35.3 | 32.8 | 31.6 | 29.8 | 27.9 | 25.4 | 24.8 | 25.4 | 26.7 | 27.9 |
| 52.5° | 36.0 | 31.0 | 29.1 | 28.6 | 26.7 | 24.8 | 23.0 | 22.3 | 23.0 | 24.2 | 23.5 |
| 55° | 32.3 | 27.3 | 26.7 | 26.0 | 24.2 | 21.7 | 19.8 | 19.8 | 19.8 | 19.3 | 18.0 |
| 57.5° | 31.0 | 24.2 | 23.5 | 23.0 | 21.1 | 18.6 | 17.4 | 16.1 | 15.5 | 13.7 | 13.0 |
| 60° | 32.3 | 21.7 | 21.7 | 20.5 | 18.6 | 16.1 | 14.2 | 12.4 | 11.2 | 10.0 | 10.0 |
| 62.5° | 26.0 | 19.8 | 19.3 | 18.0 | 15.5 | 13.0 | 11.2 | 9.3 | 8.7 | 8.1 | 8.1 |
| 65° | 21.1 | 18.0 | 16.7 | 14.9 | 13.0 | 10.5 | 8.7 | 7.4 | 6.8 | 6.8 | 7.4 |
| 67.5° | 19.3 | 16.1 | 14.2 | 12.4 | 10.5 | 8.1 | 6.8 | 6.2 | 6.2 | 6.8 | 6.8 |
| 69° | 18.0 | 14.9 | 13.0 | 11.2 | 9.3 | 7.4 | 6.2 | 6.2 | 6.2 | 6.2 | 6.8 |
| 70° | 16.7 | 14.2 | 12.4 | 10.5 | 8.1 | 6.2 | 5.6 | 5.6 | 6.2 | 6.2 | 6.8 |
| 72.5° | 13.0 | 11.2 | 10.5 | 8.7 | 6.2 | 5.6 | 4.9 | 5.6 | 5.6 | 6.2 | 6.2 |
| 75° | 10.0 | 8.1 | 8.1 | 6.8 | 4.9 | 4.4 | 4.4 | 4.9 | 4.9 | 5.6 | 5.6 |
| 77.5° | 6.8 | 5.6 | 5.6 | 4.9 | 4.4 | 3.7 | 3.7 | 4.4 | 4.9 | 4.9 | 5.6 |
| 80° | 4.9 | 4.4 | 3.7 | 4.4 | 3.7 | 3.1 | 3.7 | 4.4 | 4.4 | 4.9 | 4.9 |
| 82.5° | 3.7 | 3.7 | 3.7 | 3.7 | 3.1 | 3.1 | 3.7 | 3.7 | 4.4 | 4.9 | 4.9 |
| 85° | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.7 | 3.7 | 4.4 | 4.4 |
| 87.5° | 1.9 | 1.9 | 1.9 | 2.5 | 2.5 | 3.1 | 3.1 | 3.1 | 3.1 | 3.7 | 3.7 |
| 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: P180768

CATALOG NUMBER: ICM-E02-LED-E1-SL4-HSS

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° |
|-------|-------|-------|-------|-------|
| 0° | 285.9 | 285.9 | 285.9 | 285.9 |
| 2.5° | 215.8 | 215.2 | 212.7 | 213.3 |
| 5° | 151.3 | 147.6 | 150.0 | 149.5 |
| 7.5° | 111.0 | 110.4 | 109.8 | 111.0 |
| 10° | 94.9 | 94.9 | 94.2 | 94.9 |
| 12.5° | 89.3 | 89.3 | 89.3 | 89.3 |
| 15° | 84.9 | 84.9 | 84.4 | 84.4 |
| 17.5° | 80.0 | 80.0 | 80.0 | 79.3 |
| 20° | 75.1 | 74.4 | 74.4 | 74.4 |
| 22.5° | 69.5 | 68.8 | 68.8 | 68.8 |
| 25° | 63.9 | 63.3 | 63.3 | 63.3 |
| 27.5° | 58.3 | 57.7 | 57.0 | 57.0 |
| 30° | 52.7 | 52.1 | 51.4 | 51.4 |
| 32.5° | 47.2 | 46.5 | 45.9 | 45.9 |
| 35° | 42.1 | 42.1 | 41.6 | 40.9 |
| 37.5° | 37.9 | 37.9 | 37.9 | 37.9 |
| 40° | 34.7 | 35.3 | 35.3 | 35.3 |
| 42.5° | 32.8 | 33.5 | 34.1 | 34.7 |
| 45° | 31.6 | 32.8 | 33.5 | 33.5 |
| 47.5° | 31.0 | 31.6 | 32.3 | 32.3 |
| 50° | 28.6 | 27.9 | 27.9 | 27.9 |
| 52.5° | 23.0 | 21.7 | 21.1 | 20.5 |
| 55° | 16.7 | 16.1 | 14.9 | 14.9 |
| 57.5° | 11.8 | 11.8 | 11.2 | 11.2 |
| 60° | 9.3 | 9.3 | 8.7 | 9.3 |
| 62.5° | 8.1 | 8.1 | 8.1 | 8.1 |
| 65° | 7.4 | 7.4 | 7.4 | 7.4 |
| 67.5° | 7.4 | 7.4 | 7.4 | 7.4 |
| 69° | 6.8 | 6.8 | 6.8 | 6.8 |
| 70° | 6.8 | 6.8 | 6.8 | 6.8 |
| 72.5° | 6.2 | 6.2 | 6.2 | 6.2 |
| 75° | 5.6 | 6.2 | 6.2 | 6.2 |
| 77.5° | 5.6 | 5.6 | 5.6 | 5.6 |
| 80° | 4.9 | 4.9 | 5.6 | 5.6 |
| 82.5° | 4.9 | 4.9 | 4.9 | 4.9 |
| 85° | 4.4 | 4.4 | 4.9 | 4.9 |
| 87.5° | 3.7 | 3.7 | 4.4 | 4.4 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)