

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: P181692

Luminaire Tested: **ICS-F02-LED-E1-T4-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181692
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33673)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ICS-F02-LED-E1-T4-8030
Description: ICON SITE SMALL LED LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - TYPE 4
Light Source: (14) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3790.2 lumens
Efficiency: N/A
Efficacy: 68.9 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: B1 - U0 - G1

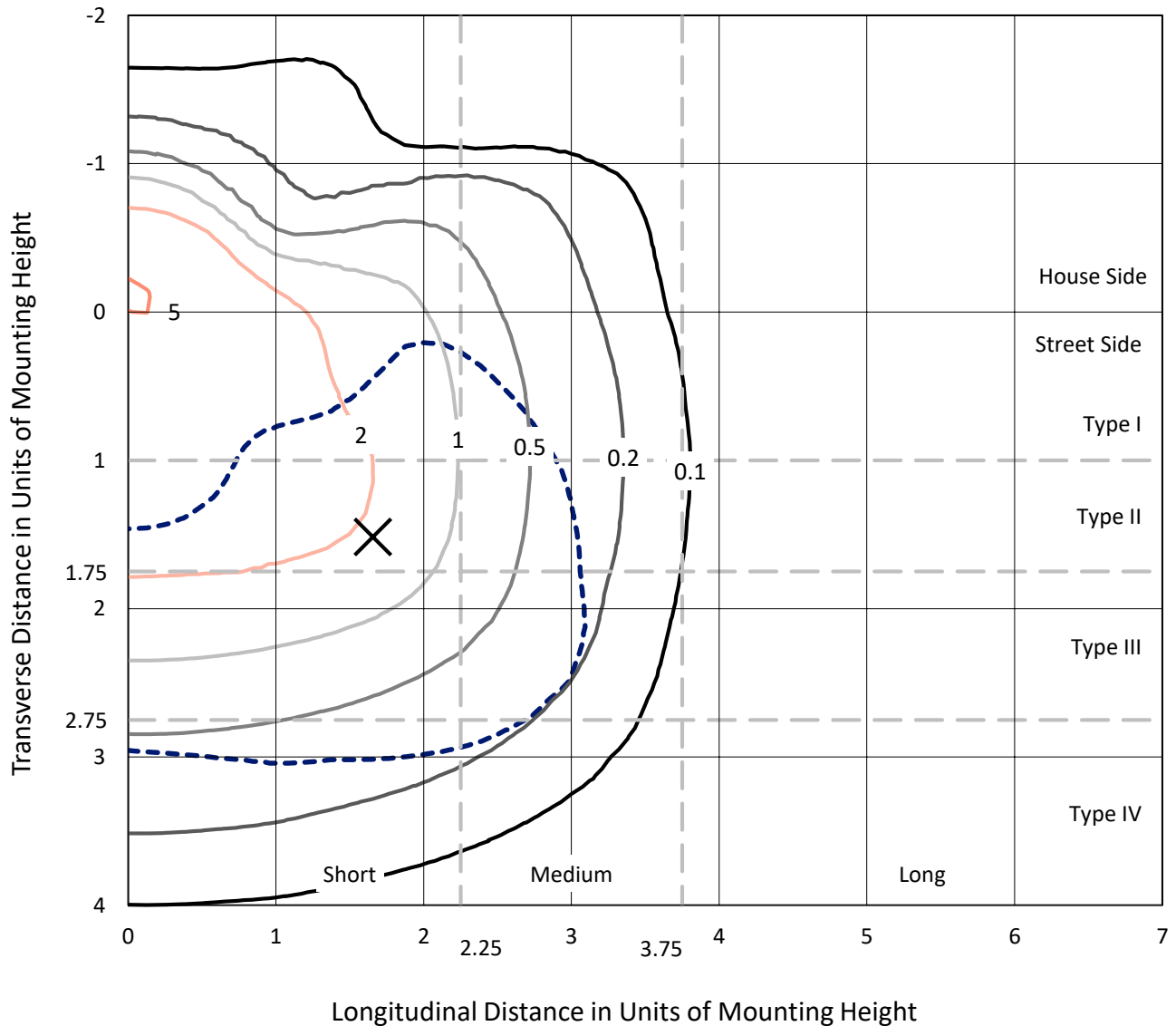
Input Watts (W): 55
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

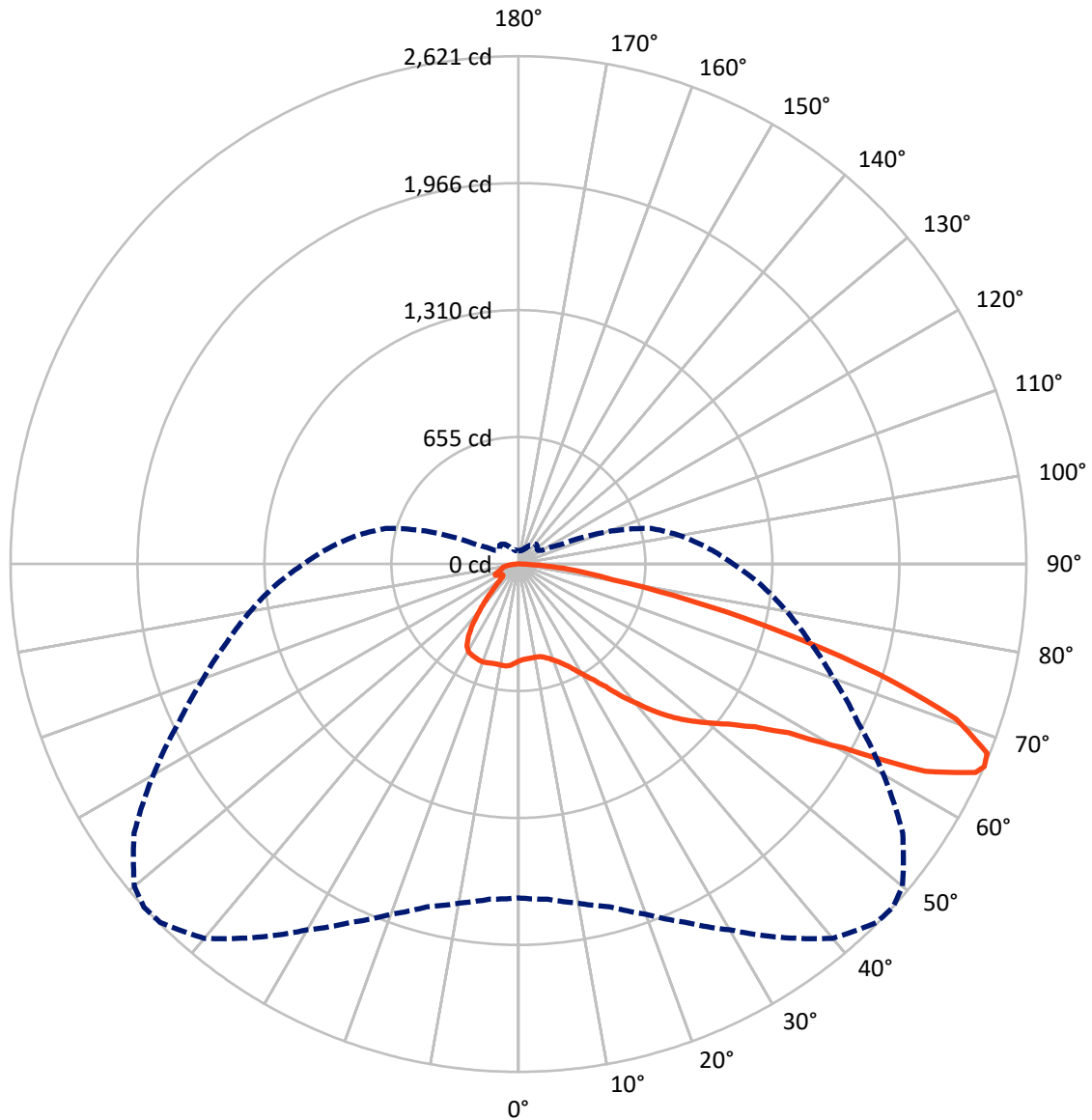
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 5.2 fc
 Type IV - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 47.5-Deg Lateral - - - Horizontal Cone Through 66-Deg Vertical

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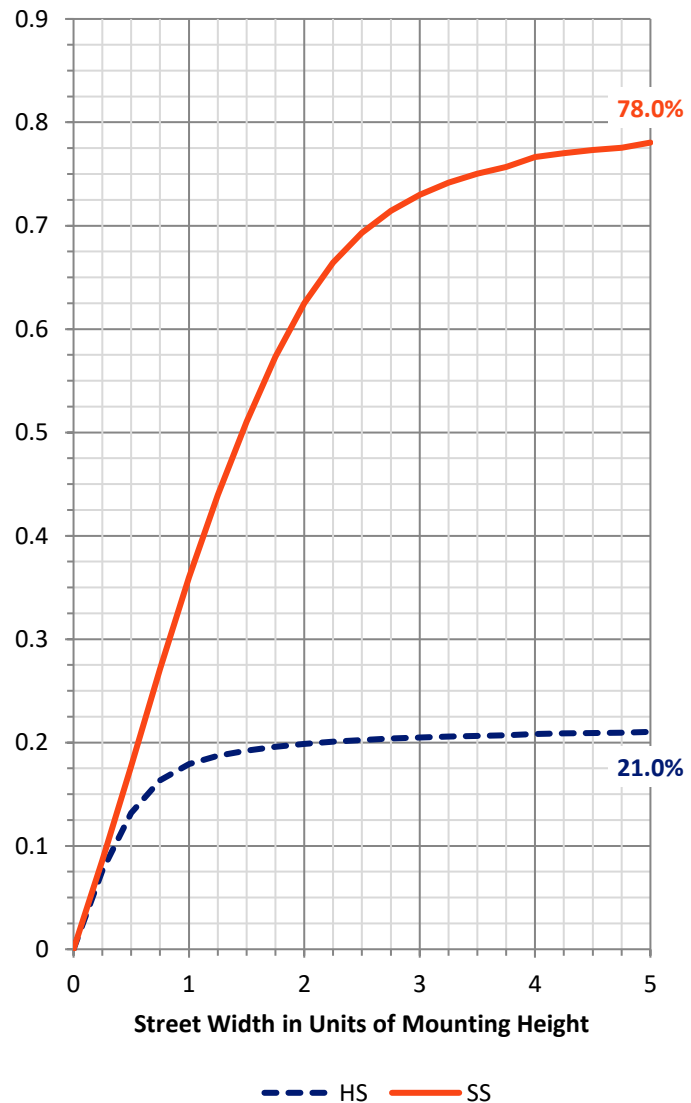
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 808.7 | 0.0 | 808.7 |
| | % Fixture | 21.3 | 0.0 | 21.3 |
| Street Side | Lumens | 2981.5 | 0.0 | 2981.5 |
| | % Fixture | 78.7 | 0.0 | 78.7 |
| Total | Lumens | 3790.2 | 0.0 | 3790.2 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 48.5 | 1.3 |
| 10°-20° | 147.3 | 3.9 |
| 20°-30° | 253.7 | 6.7 |
| 30°-40° | 383.8 | 10.1 |
| 40°-50° | 497.5 | 13.1 |
| 50°-60° | 685.9 | 18.1 |
| 60°-70° | 1065.7 | 28.1 |
| 70°-80° | 619.7 | 16.3 |
| 80°-90° | 88.1 | 2.3 |
| 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° | 3790.2 | 100.0 |
| 0°-180° | 3790.2 | 100.0 |



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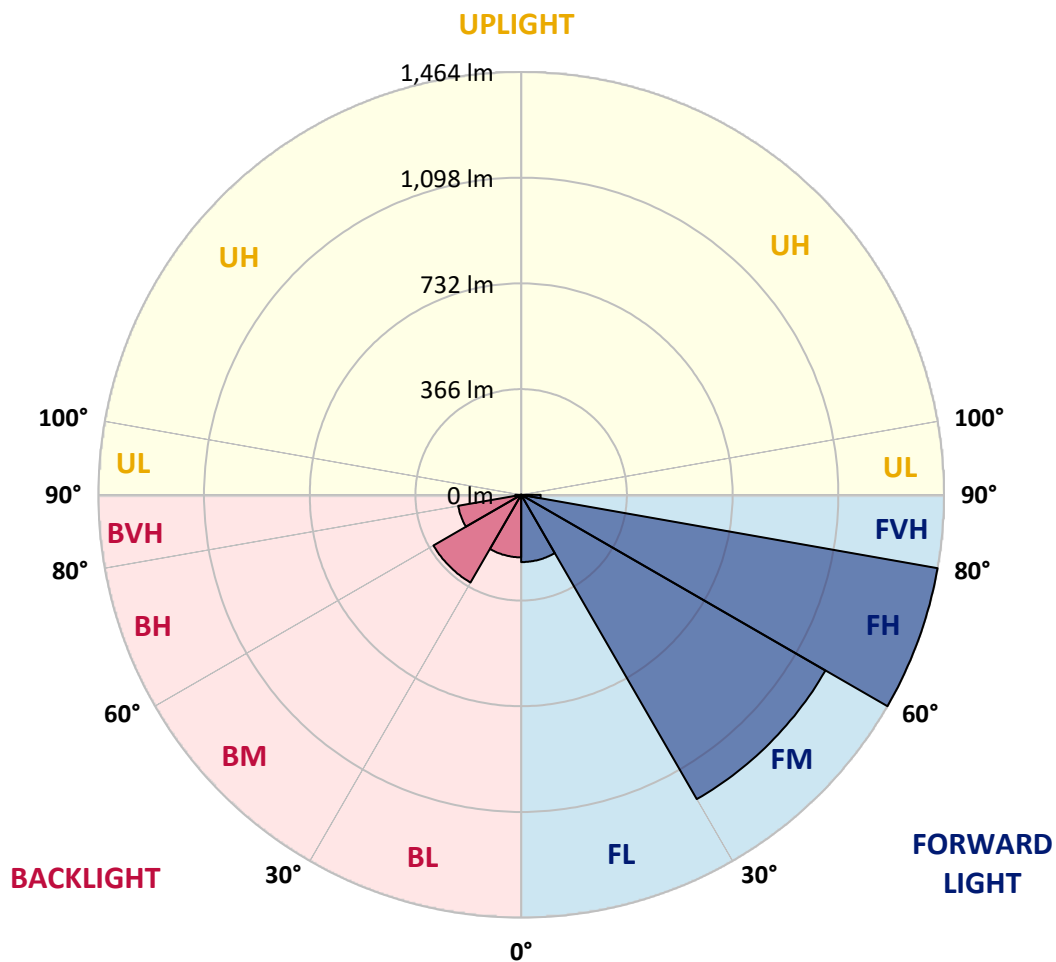
CATALOG NUMBER: ICS-F02-LED-E1-T4-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 233.0 | 6.1 | | | |
| FM | (30°-60°) | 1216.7 | 32.1 | | | |
| FH | (60°-80°) | 1464.2 | 38.6 | | | G1/1800 |
| FVH | (80°-90°) | 67.6 | 1.8 | | | G1/100 |
| BL | (0°-30°) | 216.5 | 5.7 | B1/500 | | |
| BM | (30°-60°) | 350.6 | 9.2 | B1/1000 | | |
| BH | (60°-80°) | 221.2 | 5.8 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 20.5 | 0.5 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B1-U0-G1

Type IV Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 47.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 499.6 | 499.6 | 499.6 | 499.6 | 499.6 | 499.6 | 499.6 | 499.6 | 499.6 | 499.6 | 499.6 |
| 2.5° | 490.4 | 492.1 | 490.8 | 491.2 | 491.2 | 491.6 | 491.6 | 492.1 | 491.6 | 492.9 | 493.7 |
| 5° | 481.6 | 482.4 | 482.0 | 482.9 | 483.7 | 485.4 | 485.0 | 487.0 | 487.5 | 488.7 | 490.8 |
| 7.5° | 478.3 | 477.4 | 477.8 | 479.1 | 479.9 | 480.8 | 481.6 | 483.3 | 484.5 | 487.5 | 489.1 |
| 10° | 481.6 | 481.2 | 481.6 | 482.4 | 482.4 | 482.9 | 482.0 | 483.7 | 484.5 | 487.0 | 488.7 |
| 12.5° | 495.4 | 495.4 | 494.6 | 494.6 | 493.7 | 492.9 | 490.8 | 489.6 | 489.1 | 489.6 | 490.4 |
| 15° | 517.6 | 516.7 | 515.1 | 513.8 | 512.1 | 509.2 | 506.3 | 503.8 | 502.1 | 499.6 | 498.8 |
| 17.5° | 539.3 | 538.0 | 536.4 | 534.7 | 532.6 | 529.7 | 525.1 | 522.2 | 517.6 | 514.6 | 513.0 |
| 20° | 564.4 | 561.9 | 559.8 | 557.7 | 553.5 | 552.7 | 548.1 | 543.1 | 537.6 | 530.9 | 530.1 |
| 22.5° | 597.0 | 592.8 | 590.3 | 589.1 | 584.9 | 583.6 | 576.1 | 569.0 | 562.3 | 553.5 | 551.4 |
| 25° | 630.0 | 625.8 | 624.6 | 622.9 | 620.0 | 618.3 | 611.2 | 603.3 | 594.5 | 582.4 | 579.9 |
| 27.5° | 662.2 | 662.6 | 659.3 | 660.5 | 659.7 | 656.8 | 649.7 | 641.7 | 635.0 | 620.8 | 617.9 |
| 30° | 702.3 | 699.8 | 698.2 | 700.7 | 697.7 | 698.2 | 691.9 | 687.7 | 676.8 | 668.5 | 662.6 |
| 32.5° | 744.2 | 743.7 | 746.2 | 747.9 | 747.5 | 746.7 | 741.6 | 737.5 | 727.8 | 715.7 | 713.2 |
| 35° | 801.4 | 803.9 | 806.0 | 813.6 | 813.6 | 819.0 | 814.0 | 809.0 | 797.7 | 783.0 | 778.0 |
| 37.5° | 840.3 | 841.1 | 849.5 | 859.5 | 872.1 | 883.8 | 887.1 | 888.4 | 883.8 | 872.9 | 865.4 |
| 40° | 875.8 | 877.5 | 890.9 | 906.4 | 924.8 | 947.8 | 961.5 | 967.8 | 969.1 | 964.1 | 947.8 |
| 42.5° | 911.4 | 913.9 | 927.7 | 950.3 | 975.8 | 1005.0 | 1029.3 | 1044.7 | 1053.5 | 1053.5 | 1043.9 |
| 45° | 952.8 | 956.1 | 971.2 | 995.8 | 1025.5 | 1062.3 | 1095.7 | 1125.4 | 1139.6 | 1140.5 | 1131.3 |
| 47.5° | 1001.7 | 1004.6 | 1022.2 | 1047.3 | 1077.8 | 1115.0 | 1157.2 | 1191.1 | 1217.4 | 1219.1 | 1211.5 |
| 50° | 1064.8 | 1069.0 | 1083.6 | 1106.2 | 1137.6 | 1175.2 | 1217.4 | 1264.6 | 1292.2 | 1298.9 | 1291.0 |
| 52.5° | 1148.4 | 1149.3 | 1161.4 | 1182.3 | 1212.8 | 1248.8 | 1293.5 | 1344.9 | 1381.3 | 1386.7 | 1373.8 |
| 55° | 1263.8 | 1262.6 | 1270.5 | 1293.1 | 1316.1 | 1344.1 | 1390.5 | 1448.2 | 1488.7 | 1497.1 | 1483.7 |
| 57.5° | 1420.6 | 1419.3 | 1426.0 | 1431.5 | 1474.5 | 1501.7 | 1547.3 | 1602.4 | 1641.7 | 1666.0 | 1643.0 |
| 60° | 1663.5 | 1662.2 | 1673.1 | 1704.9 | 1737.1 | 1776.8 | 1821.1 | 1887.1 | 1942.3 | 1949.4 | 1926.9 |
| 62.5° | 1839.5 | 1845.8 | 1869.6 | 1906.8 | 1972.0 | 2049.8 | 2130.9 | 2217.8 | 2331.1 | 2367.1 | 2356.2 |
| 65° | 1778.0 | 1790.6 | 1823.6 | 1880.0 | 1967.0 | 2074.4 | 2201.5 | 2359.1 | 2510.9 | 2595.8 | 2593.3 |
| 66° | 1722.8 | 1736.6 | 1777.2 | 1831.5 | 1923.5 | 2041.0 | 2179.8 | 2351.6 | 2521.3 | 2615.0 | 2620.8 |
| 67.5° | 1622.5 | 1638.0 | 1677.7 | 1742.1 | 1831.5 | 1956.5 | 2105.8 | 2292.7 | 2484.6 | 2593.7 | 2609.1 |
| 70° | 1427.3 | 1444.8 | 1473.7 | 1526.8 | 1615.0 | 1726.6 | 1883.8 | 2051.0 | 2252.1 | 2377.1 | 2395.9 |
| 72.5° | 1193.2 | 1208.6 | 1240.8 | 1284.3 | 1356.6 | 1426.9 | 1550.2 | 1673.5 | 1817.3 | 1959.9 | 1946.1 |
| 75° | 856.6 | 863.3 | 882.5 | 929.8 | 968.7 | 1031.8 | 1130.9 | 1232.0 | 1330.3 | 1395.5 | 1404.7 |
| 77.5° | 445.2 | 462.8 | 490.0 | 542.2 | 584.5 | 641.3 | 705.7 | 781.8 | 853.7 | 913.5 | 897.2 |
| 80° | 291.4 | 298.9 | 323.2 | 349.9 | 380.9 | 417.2 | 460.3 | 488.7 | 497.9 | 494.2 | 497.9 |
| 82.5° | 168.1 | 181.9 | 214.0 | 234.5 | 257.5 | 270.1 | 304.4 | 337.0 | 355.4 | 332.4 | 324.0 |
| 85° | 21.3 | 27.6 | 87.0 | 109.5 | 125.4 | 144.2 | 154.7 | 174.3 | 162.6 | 145.5 | 177.3 |
| 87.5° | 4.6 | 4.2 | 5.9 | 12.5 | 13.0 | 10.9 | 20.5 | 21.7 | 13.4 | 6.7 | 8.4 |
| 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: ICS-F02-LED-E1-T4-8030

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0° | 499.6 | 499.6 | 499.6 | 499.6 | 499.6 | 499.6 | 499.6 | 499.6 | 499.6 | 499.6 | 499.6 |
| 2.5° | 494.6 | 495.0 | 495.8 | 497.1 | 497.9 | 498.8 | 499.6 | 500.8 | 501.7 | 502.5 | 504.2 |
| 5° | 492.5 | 494.2 | 495.8 | 497.5 | 499.6 | 502.9 | 505.0 | 506.7 | 508.4 | 511.7 | 513.0 |
| 7.5° | 491.2 | 494.2 | 496.7 | 499.6 | 502.9 | 505.9 | 509.6 | 511.7 | 514.2 | 516.3 | 518.8 |
| 10° | 490.4 | 494.6 | 497.1 | 501.3 | 505.0 | 507.9 | 512.1 | 514.6 | 517.6 | 520.1 | 521.3 |
| 12.5° | 492.1 | 494.2 | 496.7 | 500.8 | 505.4 | 509.6 | 514.2 | 516.3 | 518.8 | 520.9 | 521.3 |
| 15° | 499.2 | 499.2 | 499.6 | 502.9 | 507.5 | 510.9 | 514.6 | 516.7 | 518.0 | 519.2 | 519.2 |
| 17.5° | 512.1 | 509.2 | 507.1 | 507.5 | 510.5 | 512.5 | 514.6 | 514.6 | 513.8 | 513.4 | 512.5 |
| 20° | 527.2 | 523.4 | 519.2 | 516.3 | 515.5 | 513.8 | 512.5 | 508.4 | 505.0 | 502.1 | 500.0 |
| 22.5° | 548.9 | 543.1 | 537.2 | 531.8 | 526.8 | 520.5 | 513.4 | 505.0 | 497.1 | 491.6 | 488.3 |
| 25° | 575.7 | 571.1 | 564.0 | 555.6 | 549.3 | 537.6 | 528.4 | 516.3 | 506.3 | 499.2 | 493.3 |
| 27.5° | 613.7 | 608.3 | 601.6 | 594.1 | 584.9 | 571.9 | 560.6 | 546.4 | 534.3 | 523.8 | 516.3 |
| 30° | 661.0 | 653.9 | 648.8 | 639.6 | 633.4 | 618.7 | 607.4 | 589.9 | 566.5 | 549.8 | 539.3 |
| 32.5° | 709.5 | 701.5 | 697.3 | 690.2 | 683.1 | 674.3 | 657.2 | 630.0 | 599.9 | 572.7 | 554.8 |
| 35° | 774.3 | 765.9 | 758.4 | 752.1 | 741.6 | 725.3 | 710.3 | 677.7 | 636.3 | 598.2 | 568.1 |
| 37.5° | 855.8 | 842.0 | 823.2 | 807.3 | 788.9 | 765.5 | 742.5 | 709.0 | 661.8 | 612.5 | 572.3 |
| 40° | 942.7 | 918.5 | 891.7 | 862.0 | 830.3 | 796.4 | 770.1 | 736.2 | 683.1 | 624.6 | 569.4 |
| 42.5° | 1033.5 | 995.0 | 957.8 | 916.0 | 871.7 | 831.5 | 797.2 | 760.0 | 699.0 | 627.9 | 557.7 |
| 45° | 1123.3 | 1080.3 | 1023.8 | 969.1 | 913.1 | 863.3 | 824.8 | 783.0 | 713.6 | 629.2 | 542.2 |
| 47.5° | 1197.8 | 1153.4 | 1089.1 | 1020.5 | 954.0 | 897.6 | 852.4 | 807.3 | 733.3 | 638.0 | 538.5 |
| 50° | 1276.3 | 1222.4 | 1150.9 | 1069.8 | 994.6 | 931.4 | 883.4 | 836.5 | 760.9 | 660.5 | 550.6 |
| 52.5° | 1362.1 | 1300.2 | 1216.6 | 1125.8 | 1043.5 | 972.8 | 920.6 | 872.5 | 796.0 | 692.3 | 573.6 |
| 55° | 1466.6 | 1390.9 | 1300.2 | 1197.8 | 1109.5 | 1031.4 | 973.7 | 916.8 | 837.8 | 729.9 | 602.4 |
| 57.5° | 1626.3 | 1533.5 | 1431.5 | 1314.8 | 1217.0 | 1124.6 | 1055.6 | 990.0 | 902.6 | 786.0 | 641.7 |
| 60° | 1915.2 | 1816.1 | 1683.5 | 1542.2 | 1427.3 | 1319.4 | 1218.2 | 1136.7 | 1029.3 | 896.3 | 728.7 |
| 62.5° | 2329.0 | 2197.3 | 2020.5 | 1822.8 | 1672.3 | 1516.7 | 1402.6 | 1281.4 | 1148.0 | 1004.6 | 831.1 |
| 65° | 2559.0 | 2399.3 | 2162.6 | 1933.1 | 1739.6 | 1570.7 | 1425.6 | 1285.1 | 1137.1 | 1000.0 | 854.9 |
| 66° | 2587.4 | 2421.0 | 2175.2 | 1933.5 | 1730.4 | 1556.9 | 1404.3 | 1258.8 | 1107.5 | 976.6 | 844.9 |
| 67.5° | 2575.7 | 2405.5 | 2152.2 | 1897.2 | 1690.7 | 1504.2 | 1346.6 | 1195.7 | 1044.7 | 922.7 | 811.5 |
| 70° | 2383.8 | 2222.4 | 1973.7 | 1726.6 | 1530.5 | 1346.6 | 1196.1 | 1047.7 | 909.3 | 804.8 | 722.8 |
| 72.5° | 1979.5 | 1841.6 | 1625.4 | 1431.5 | 1277.6 | 1125.8 | 998.3 | 856.6 | 739.6 | 662.2 | 613.7 |
| 75° | 1428.9 | 1345.3 | 1148.4 | 1037.2 | 902.2 | 801.4 | 677.7 | 593.7 | 509.6 | 472.0 | 463.6 |
| 77.5° | 902.6 | 790.1 | 665.1 | 547.7 | 450.3 | 373.3 | 290.6 | 246.7 | 205.7 | 201.5 | 243.3 |
| 80° | 456.9 | 411.4 | 316.9 | 252.5 | 212.4 | 171.8 | 135.9 | 102.8 | 71.9 | 86.5 | 103.7 |
| 82.5° | 299.3 | 249.6 | 195.7 | 161.0 | 140.1 | 116.2 | 90.3 | 62.7 | 46.0 | 51.8 | 71.1 |
| 85° | 161.8 | 138.0 | 111.2 | 87.8 | 71.1 | 63.5 | 42.6 | 30.1 | 29.7 | 31.8 | 40.6 |
| 87.5° | 11.7 | 11.7 | 9.2 | 8.4 | 10.0 | 8.4 | 7.5 | 7.5 | 7.1 | 7.5 | 10.0 |
| 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: ICS-F02-LED-E1-T4-8030

CANDELA DISTRIBUTION (continued):

| | 105° | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 499.6 | 499.6 | 499.6 | 499.6 | 499.6 | 499.6 | 499.6 | 499.6 | 499.6 | 499.6 | 499.6 |
| 2.5° | 505.0 | 506.3 | 506.7 | 508.8 | 510.0 | 510.9 | 511.7 | 511.7 | 512.1 | 513.4 | 513.8 |
| 5° | 514.6 | 516.7 | 519.2 | 520.9 | 521.7 | 524.3 | 525.1 | 525.1 | 525.9 | 527.6 | 528.9 |
| 7.5° | 520.5 | 523.4 | 525.9 | 526.8 | 528.4 | 529.3 | 530.5 | 531.4 | 531.4 | 533.0 | 533.9 |
| 10° | 522.6 | 524.3 | 526.8 | 526.8 | 528.4 | 528.4 | 529.7 | 530.1 | 530.1 | 531.8 | 533.0 |
| 12.5° | 522.6 | 523.4 | 525.5 | 525.5 | 526.8 | 527.2 | 528.9 | 530.1 | 530.5 | 532.6 | 534.3 |
| 15° | 520.1 | 520.9 | 522.6 | 523.0 | 525.9 | 527.6 | 531.4 | 533.9 | 533.9 | 536.0 | 536.8 |
| 17.5° | 513.0 | 515.1 | 518.4 | 521.7 | 527.2 | 530.9 | 535.5 | 537.6 | 536.0 | 534.7 | 533.4 |
| 20° | 501.3 | 505.0 | 513.0 | 521.3 | 530.9 | 536.0 | 538.5 | 536.4 | 530.5 | 524.7 | 520.9 |
| 22.5° | 489.6 | 497.1 | 510.5 | 523.0 | 533.9 | 537.2 | 536.0 | 528.4 | 518.8 | 511.7 | 506.7 |
| 25° | 495.0 | 503.8 | 516.7 | 528.0 | 535.1 | 534.3 | 529.3 | 518.8 | 508.4 | 499.2 | 490.8 |
| 27.5° | 517.6 | 527.2 | 534.3 | 538.0 | 537.2 | 531.4 | 523.4 | 511.7 | 499.2 | 487.0 | 475.3 |
| 30° | 538.9 | 543.9 | 545.6 | 542.6 | 536.0 | 526.3 | 516.3 | 502.9 | 486.2 | 471.2 | 457.8 |
| 32.5° | 548.5 | 543.5 | 535.5 | 527.6 | 516.7 | 508.4 | 494.6 | 479.9 | 459.0 | 441.1 | 427.7 |
| 35° | 548.5 | 528.4 | 508.4 | 491.6 | 475.3 | 464.9 | 449.0 | 429.4 | 410.1 | 395.1 | 384.6 |
| 37.5° | 536.4 | 497.9 | 464.9 | 437.7 | 417.2 | 405.9 | 382.1 | 364.6 | 348.2 | 343.2 | 336.5 |
| 40° | 514.2 | 457.4 | 409.7 | 374.2 | 348.2 | 331.5 | 307.7 | 295.6 | 289.3 | 286.8 | 285.5 |
| 42.5° | 484.5 | 412.2 | 348.7 | 304.8 | 276.8 | 257.9 | 242.1 | 234.5 | 234.1 | 233.7 | 233.7 |
| 45° | 452.8 | 363.7 | 289.3 | 237.0 | 212.4 | 195.7 | 188.1 | 185.2 | 187.7 | 187.3 | 187.7 |
| 47.5° | 433.1 | 326.9 | 235.0 | 179.3 | 160.5 | 149.7 | 145.9 | 147.2 | 149.2 | 148.4 | 148.4 |
| 50° | 430.6 | 308.1 | 198.6 | 139.6 | 125.4 | 120.0 | 119.1 | 119.1 | 120.4 | 119.6 | 119.1 |
| 52.5° | 439.8 | 305.2 | 179.8 | 120.0 | 108.7 | 104.1 | 103.3 | 102.8 | 102.4 | 99.9 | 97.8 |
| 55° | 455.7 | 311.9 | 174.3 | 115.0 | 103.3 | 98.2 | 97.0 | 96.2 | 94.5 | 91.1 | 87.4 |
| 57.5° | 487.5 | 332.8 | 179.3 | 117.5 | 104.9 | 100.8 | 99.5 | 99.5 | 96.2 | 90.7 | 85.3 |
| 60° | 564.0 | 385.9 | 199.8 | 127.1 | 112.9 | 108.7 | 109.5 | 109.1 | 104.1 | 96.2 | 87.8 |
| 62.5° | 662.6 | 455.3 | 226.6 | 140.5 | 122.9 | 122.1 | 126.3 | 125.4 | 117.1 | 104.9 | 92.8 |
| 65° | 708.2 | 487.9 | 234.1 | 143.4 | 125.0 | 128.8 | 137.1 | 136.3 | 125.8 | 109.1 | 93.6 |
| 66° | 709.0 | 487.9 | 230.8 | 140.9 | 122.1 | 126.7 | 135.0 | 134.6 | 124.2 | 107.4 | 92.0 |
| 67.5° | 691.9 | 474.5 | 221.2 | 135.9 | 116.2 | 119.6 | 127.1 | 126.7 | 117.1 | 103.3 | 88.6 |
| 70° | 627.5 | 424.8 | 196.5 | 127.1 | 108.3 | 106.6 | 109.1 | 107.4 | 101.2 | 91.6 | 81.5 |
| 72.5° | 537.6 | 356.6 | 171.4 | 120.4 | 102.8 | 96.2 | 94.5 | 93.2 | 88.2 | 82.8 | 76.5 |
| 75° | 423.5 | 282.2 | 150.5 | 115.4 | 97.8 | 89.0 | 86.1 | 84.4 | 81.1 | 77.3 | 72.3 |
| 77.5° | 261.3 | 201.9 | 131.3 | 108.7 | 94.1 | 85.3 | 83.2 | 80.7 | 75.7 | 71.1 | 67.3 |
| 80° | 116.6 | 125.0 | 107.9 | 94.9 | 84.0 | 76.1 | 72.7 | 69.0 | 64.0 | 61.0 | 58.9 |
| 82.5° | 77.8 | 80.7 | 78.2 | 71.1 | 63.5 | 57.3 | 52.3 | 52.3 | 51.4 | 48.9 | 48.1 |
| 85° | 49.7 | 50.2 | 48.5 | 43.9 | 41.0 | 37.2 | 35.1 | 35.5 | 37.2 | 36.8 | 36.4 |
| 87.5° | 11.3 | 11.3 | 13.4 | 12.5 | 14.6 | 15.5 | 16.7 | 18.0 | 20.5 | 20.5 | 21.7 |
| 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: ICS-F02-LED-E1-T4-8030

CANDELA DISTRIBUTION (continued):

| | 160° | 165° | 170° | 175° | 180° |
|-------|-------|-------|-------|-------|-------|
| 0° | 499.6 | 499.6 | 499.6 | 499.6 | 499.6 |
| 2.5° | 514.2 | 515.1 | 515.9 | 514.6 | 515.1 |
| 5° | 528.9 | 528.4 | 530.5 | 529.3 | 530.1 |
| 7.5° | 533.4 | 533.9 | 535.5 | 535.5 | 536.0 |
| 10° | 533.9 | 534.7 | 536.8 | 538.0 | 538.9 |
| 12.5° | 536.0 | 537.6 | 541.0 | 541.8 | 541.8 |
| 15° | 537.6 | 538.5 | 540.6 | 541.4 | 542.2 |
| 17.5° | 531.8 | 530.1 | 530.9 | 531.4 | 530.9 |
| 20° | 517.1 | 515.5 | 515.1 | 513.4 | 514.2 |
| 22.5° | 501.3 | 496.7 | 493.7 | 490.4 | 490.4 |
| 25° | 482.0 | 474.9 | 469.1 | 463.2 | 464.5 |
| 27.5° | 464.1 | 454.9 | 449.0 | 445.2 | 444.4 |
| 30° | 446.5 | 436.9 | 431.4 | 426.8 | 426.8 |
| 32.5° | 417.2 | 410.5 | 403.4 | 400.5 | 400.1 |
| 35° | 376.7 | 372.5 | 366.6 | 365.4 | 363.3 |
| 37.5° | 331.1 | 329.9 | 324.8 | 324.4 | 322.3 |
| 40° | 283.4 | 284.3 | 282.6 | 281.8 | 280.5 |
| 42.5° | 235.8 | 240.0 | 239.1 | 238.7 | 237.9 |
| 45° | 190.2 | 193.1 | 193.6 | 194.8 | 196.9 |
| 47.5° | 149.7 | 150.5 | 151.3 | 150.9 | 151.3 |
| 50° | 117.1 | 115.0 | 114.5 | 113.3 | 114.5 |
| 52.5° | 94.5 | 91.1 | 89.5 | 87.8 | 87.0 |
| 55° | 83.2 | 79.9 | 78.2 | 77.3 | 76.5 |
| 57.5° | 80.3 | 76.9 | 74.4 | 72.7 | 72.3 |
| 60° | 81.1 | 76.1 | 72.7 | 70.7 | 70.2 |
| 62.5° | 83.2 | 76.5 | 71.9 | 69.8 | 69.4 |
| 65° | 82.8 | 75.7 | 71.5 | 69.0 | 68.6 |
| 66° | 81.5 | 74.8 | 70.7 | 68.6 | 68.1 |
| 67.5° | 79.4 | 73.6 | 69.8 | 68.1 | 67.3 |
| 70° | 75.7 | 71.9 | 69.0 | 66.9 | 66.1 |
| 72.5° | 72.3 | 69.4 | 66.9 | 64.8 | 64.4 |
| 75° | 68.6 | 66.1 | 63.5 | 61.9 | 61.5 |
| 77.5° | 64.0 | 61.5 | 59.8 | 58.5 | 58.1 |
| 80° | 56.4 | 54.8 | 53.1 | 51.4 | 51.4 |
| 82.5° | 46.8 | 45.6 | 43.9 | 42.6 | 42.2 |
| 85° | 36.0 | 36.0 | 34.7 | 33.4 | 33.0 |
| 87.5° | 21.3 | 20.9 | 20.9 | 19.6 | 19.6 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)