

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: P181494

Luminaire Tested: **ICS-F02-LED-E1-T3**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181494
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33672)
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-T3
Description: ICON SITE SMALL LED LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - TYPE 3
Light Source: (14) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4582.8 lumens
Efficiency: N/A
Efficacy: 83.3 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 1' x H: 0.1')
IES Classification: Type III - Short - Semi-Cutoff
BUG Rating: B2 - U0 - G2

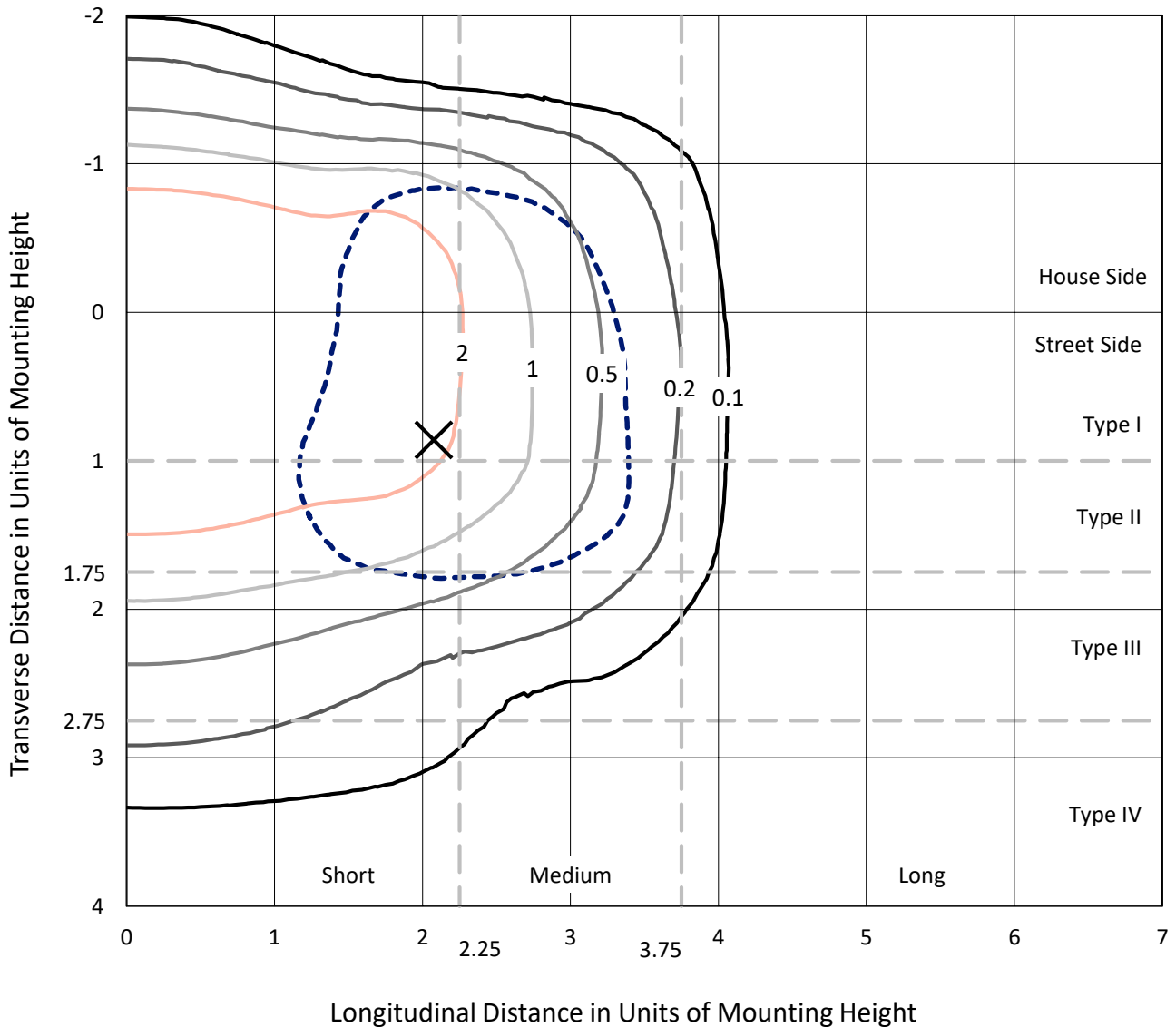
Input Watts (W): 55
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

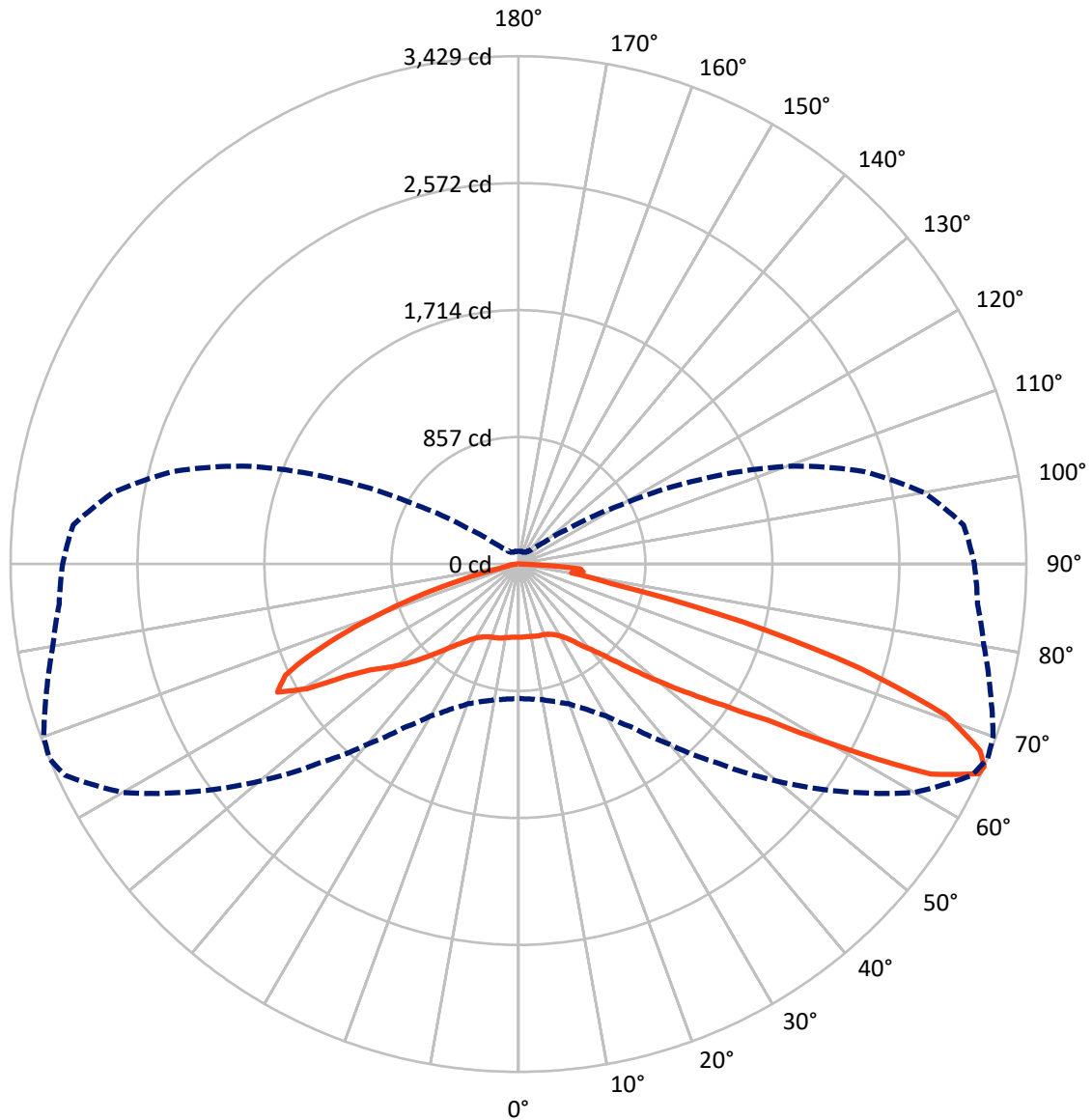
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 4.9 fc
 Type III - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 67.5-Deg Lateral - - - Horizontal Cone Through 66-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1582.6 | 0.0 | 1582.6 |
| | % Fixture | 34.5 | 0.0 | 34.5 |
| Street Side | Lumens | 3000.2 | 0.0 | 3000.2 |
| | % Fixture | 65.5 | 0.0 | 65.5 |
| Total | Lumens | 4582.8 | 0.0 | 4582.8 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 47.3 | 1.0 |
| 10°-20° | 139.6 | 3.0 |
| 20°-30° | 239.9 | 5.2 |
| 30°-40° | 389.6 | 8.5 |
| 40°-50° | 650.4 | 14.2 |
| 50°-60° | 1024.1 | 22.3 |
| 60°-70° | 1396.5 | 30.5 |
| 70°-80° | 604.5 | 13.2 |
| 80°-90° | 90.9 | 2.0 |
| 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° | 4582.8 | 100.0 |
| 0°-180° | 4582.8 | 100.0 |



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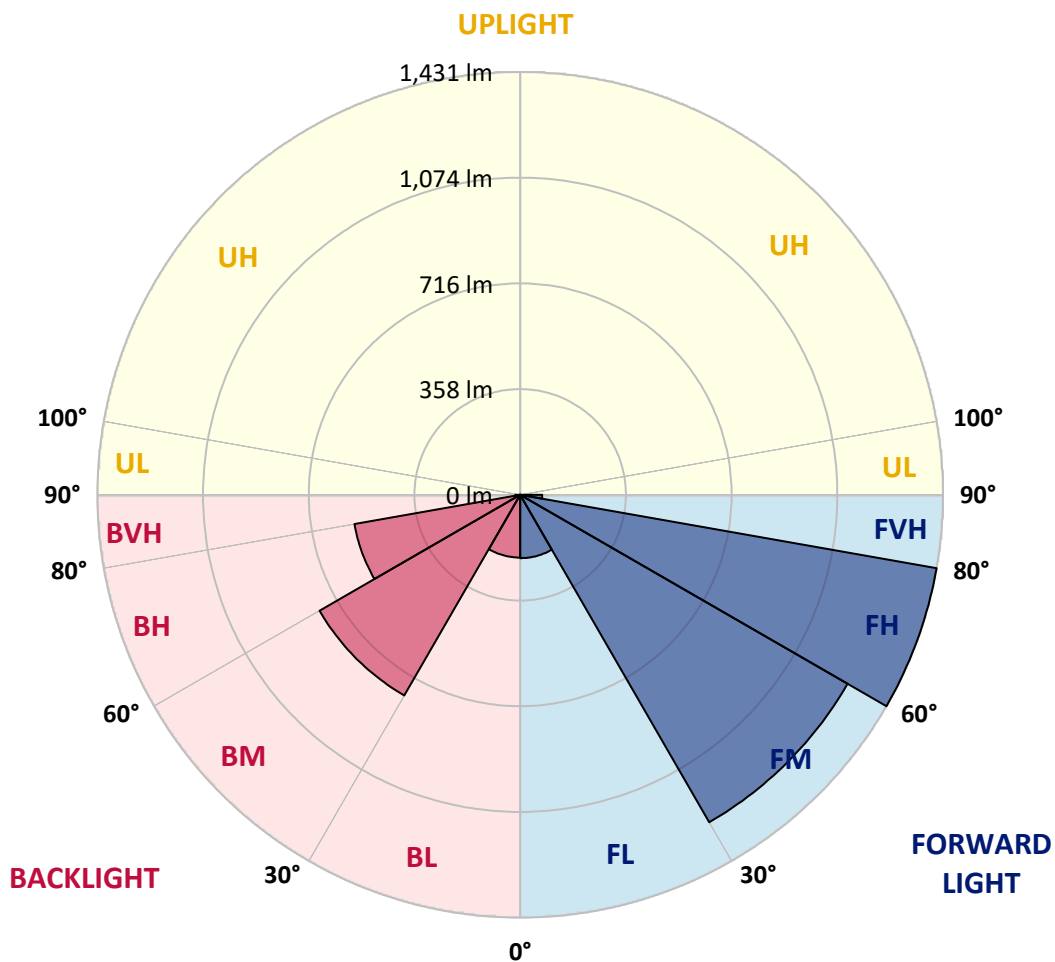
CATALOG NUMBER: ICS-F02-LED-E1-T3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 214.4 | 4.7 | | | |
| FM | (30°-60°) | 1279.8 | 27.9 | | | |
| FH | (60°-80°) | 1431.4 | 31.2 | | | G1/1800 |
| FVH | (80°-90°) | 74.6 | 1.6 | | | G1/100 |
| BL | (0°-30°) | 212.4 | 4.6 | B1/500 | | |
| BM | (30°-60°) | 784.2 | 17.1 | B1/1000 | | |
| BH | (60°-80°) | 569.7 | 12.4 | B2/1000 | | G2/1000 |
| BVH | (80°-90°) | 16.3 | 0.4 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B2-U0-G2

Type III Short





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CATALOG NUMBER: ICS-F02-LED-E1-T3

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 493.9 | 493.9 | 493.9 | 493.9 | 493.9 | 493.9 | 493.9 | 493.9 | 493.9 | 493.9 | 493.9 |
| 2.5° | 495.8 | 497.8 | 495.8 | 496.3 | 496.8 | 496.3 | 495.8 | 495.8 | 494.4 | 495.3 | 496.3 |
| 5° | 493.9 | 495.3 | 494.8 | 495.3 | 495.8 | 495.3 | 494.8 | 495.3 | 494.4 | 494.8 | 496.3 |
| 7.5° | 491.4 | 490.9 | 491.4 | 492.4 | 493.4 | 493.4 | 493.4 | 493.9 | 493.4 | 493.4 | 494.8 |
| 10° | 483.9 | 484.4 | 485.4 | 486.9 | 487.4 | 488.9 | 488.9 | 490.4 | 490.9 | 491.9 | 493.9 |
| 12.5° | 474.5 | 475.0 | 476.0 | 477.0 | 479.5 | 482.0 | 482.0 | 485.4 | 486.9 | 489.4 | 492.9 |
| 15° | 467.6 | 468.1 | 469.1 | 470.1 | 472.1 | 474.5 | 476.0 | 480.0 | 482.5 | 486.9 | 491.9 |
| 17.5° | 471.6 | 471.1 | 472.1 | 472.6 | 472.6 | 474.5 | 474.5 | 477.5 | 480.5 | 484.4 | 490.9 |
| 20° | 483.0 | 483.0 | 483.9 | 483.9 | 483.5 | 484.4 | 482.5 | 482.5 | 483.0 | 484.9 | 489.4 |
| 22.5° | 494.4 | 493.9 | 495.8 | 496.8 | 497.3 | 498.8 | 496.8 | 496.3 | 493.9 | 492.4 | 493.9 |
| 25° | 505.2 | 504.8 | 507.2 | 508.7 | 511.2 | 512.7 | 512.7 | 512.7 | 510.7 | 508.2 | 506.7 |
| 27.5° | 522.1 | 522.1 | 524.6 | 526.1 | 528.0 | 531.0 | 532.5 | 532.5 | 533.0 | 529.5 | 527.0 |
| 30° | 550.3 | 550.8 | 551.3 | 553.3 | 555.3 | 556.3 | 558.3 | 559.7 | 561.2 | 559.2 | 555.3 |
| 32.5° | 584.0 | 581.0 | 581.0 | 584.0 | 586.5 | 589.5 | 590.4 | 592.4 | 595.4 | 593.9 | 593.4 |
| 35° | 624.1 | 623.1 | 622.1 | 623.1 | 626.1 | 629.6 | 633.5 | 637.0 | 635.0 | 638.0 | 636.5 |
| 37.5° | 683.6 | 684.6 | 685.1 | 685.1 | 684.6 | 685.6 | 687.5 | 691.0 | 690.0 | 691.0 | 693.0 |
| 40° | 781.6 | 778.2 | 774.7 | 775.2 | 770.3 | 771.2 | 763.3 | 766.8 | 767.3 | 763.8 | 765.3 |
| 42.5° | 879.7 | 881.7 | 883.2 | 887.2 | 883.7 | 881.7 | 874.3 | 874.3 | 870.3 | 866.8 | 865.9 |
| 45° | 985.7 | 989.7 | 990.2 | 998.1 | 995.1 | 1001.6 | 1007.0 | 1005.5 | 999.1 | 998.6 | 991.7 |
| 47.5° | 1070.4 | 1076.9 | 1083.8 | 1093.2 | 1100.6 | 1115.0 | 1131.9 | 1140.3 | 1145.2 | 1149.2 | 1141.3 |
| 50° | 1133.8 | 1136.8 | 1154.6 | 1169.5 | 1185.8 | 1209.6 | 1232.9 | 1263.1 | 1287.4 | 1298.8 | 1309.7 |
| 52.5° | 1168.0 | 1175.4 | 1194.8 | 1218.0 | 1246.8 | 1282.4 | 1320.1 | 1368.1 | 1409.7 | 1437.5 | 1462.2 |
| 55° | 1175.4 | 1182.9 | 1204.7 | 1234.4 | 1273.5 | 1321.6 | 1375.6 | 1440.9 | 1503.4 | 1556.9 | 1608.9 |
| 57.5° | 1154.6 | 1163.1 | 1186.3 | 1220.5 | 1266.6 | 1325.0 | 1392.9 | 1478.6 | 1564.8 | 1651.5 | 1728.2 |
| 60° | 1116.5 | 1126.9 | 1148.2 | 1181.9 | 1232.9 | 1298.8 | 1380.0 | 1487.5 | 1608.4 | 1741.1 | 1888.2 |
| 62.5° | 1053.6 | 1064.5 | 1084.3 | 1121.5 | 1174.0 | 1246.8 | 1340.9 | 1474.6 | 1645.5 | 1854.6 | 2115.6 |
| 65° | 952.5 | 957.5 | 981.8 | 1019.4 | 1066.0 | 1146.2 | 1249.7 | 1411.2 | 1633.6 | 1924.4 | 2284.0 |
| 66° | 907.0 | 915.4 | 930.3 | 960.5 | 1005.0 | 1080.3 | 1184.4 | 1348.3 | 1588.6 | 1900.1 | 2279.6 |
| 67.5° | 835.6 | 842.1 | 852.0 | 872.3 | 899.5 | 955.0 | 1053.6 | 1208.6 | 1450.9 | 1777.3 | 2185.0 |
| 70° | 675.6 | 678.6 | 692.0 | 698.9 | 708.3 | 726.7 | 762.3 | 851.5 | 1040.2 | 1346.8 | 1763.4 |
| 72.5° | 460.7 | 469.1 | 483.5 | 503.3 | 529.0 | 553.8 | 570.6 | 582.0 | 622.6 | 803.4 | 1175.0 |
| 75° | 337.8 | 346.7 | 365.1 | 391.3 | 436.4 | 487.9 | 541.4 | 566.2 | 549.3 | 526.1 | 654.3 |
| 77.5° | 196.2 | 208.0 | 223.4 | 248.7 | 290.3 | 358.6 | 450.3 | 531.5 | 586.5 | 590.0 | 560.2 |
| 80° | 82.7 | 84.2 | 93.6 | 106.5 | 132.3 | 180.3 | 251.6 | 368.5 | 490.4 | 572.6 | 591.9 |
| 82.5° | 18.8 | 23.3 | 29.7 | 35.2 | 43.1 | 59.4 | 88.2 | 146.6 | 265.0 | 415.6 | 541.9 |
| 85° | 6.9 | 6.9 | 9.4 | 13.9 | 15.9 | 17.8 | 23.3 | 37.2 | 63.4 | 116.9 | 243.7 |
| 87.5° | 0.0 | 0.5 | 1.0 | 1.0 | 2.0 | 2.5 | 4.0 | 5.4 | 5.0 | 4.5 | 14.9 |
| 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-T3

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° | 95° | 100° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 493.9 | 493.9 | 493.9 | 493.9 | 493.9 | 493.9 | 493.9 | 493.9 | 493.9 | 493.9 | 493.9 |
| 2.5° | 495.3 | 494.8 | 493.9 | 493.9 | 493.9 | 493.9 | 492.9 | 493.4 | 492.4 | 492.9 | 492.9 |
| 5° | 494.8 | 494.8 | 494.4 | 493.4 | 493.9 | 493.9 | 494.4 | 493.4 | 493.4 | 493.9 | 493.4 |
| 7.5° | 494.8 | 494.4 | 494.4 | 494.4 | 494.8 | 494.4 | 494.8 | 494.8 | 494.8 | 495.3 | 495.3 |
| 10° | 494.8 | 494.8 | 495.8 | 496.3 | 496.3 | 496.8 | 498.3 | 498.3 | 498.8 | 499.3 | 500.3 |
| 12.5° | 495.3 | 497.3 | 498.8 | 500.3 | 500.8 | 501.8 | 504.3 | 504.3 | 505.2 | 506.7 | 507.2 |
| 15° | 495.8 | 498.8 | 501.8 | 502.8 | 503.8 | 505.7 | 508.2 | 509.2 | 510.7 | 512.2 | 513.2 |
| 17.5° | 495.3 | 499.3 | 502.8 | 504.3 | 505.7 | 508.2 | 511.2 | 512.2 | 514.2 | 516.1 | 518.1 |
| 20° | 494.8 | 500.3 | 505.7 | 507.7 | 509.7 | 513.2 | 517.1 | 519.6 | 521.6 | 524.6 | 526.5 |
| 22.5° | 497.8 | 504.3 | 511.7 | 514.7 | 518.1 | 522.6 | 528.0 | 531.0 | 533.5 | 536.5 | 537.9 |
| 25° | 507.2 | 512.2 | 521.1 | 526.1 | 530.5 | 537.9 | 545.4 | 548.8 | 551.8 | 554.3 | 554.8 |
| 27.5° | 523.1 | 524.6 | 535.5 | 541.9 | 548.3 | 560.2 | 569.1 | 571.6 | 577.1 | 579.1 | 578.6 |
| 30° | 548.8 | 546.4 | 555.3 | 565.2 | 574.6 | 590.9 | 601.8 | 608.3 | 613.2 | 613.2 | 609.3 |
| 32.5° | 586.0 | 582.0 | 584.5 | 595.9 | 606.8 | 630.6 | 643.4 | 651.9 | 655.3 | 654.3 | 645.9 |
| 35° | 634.5 | 632.1 | 630.6 | 639.5 | 656.8 | 684.6 | 701.4 | 705.9 | 711.3 | 710.3 | 699.4 |
| 37.5° | 692.0 | 690.0 | 690.0 | 700.4 | 717.3 | 758.4 | 776.7 | 779.7 | 779.2 | 771.2 | 750.9 |
| 40° | 759.9 | 758.9 | 754.4 | 760.3 | 774.7 | 828.2 | 853.0 | 856.9 | 851.5 | 838.6 | 814.8 |
| 42.5° | 857.4 | 851.5 | 837.6 | 841.1 | 852.0 | 904.0 | 936.2 | 947.1 | 941.6 | 928.8 | 890.1 |
| 45° | 984.7 | 978.3 | 955.0 | 952.0 | 958.0 | 1003.6 | 1045.2 | 1047.6 | 1046.7 | 1030.3 | 984.7 |
| 47.5° | 1134.3 | 1124.4 | 1099.7 | 1091.7 | 1089.8 | 1131.9 | 1172.0 | 1175.9 | 1173.5 | 1149.2 | 1088.3 |
| 50° | 1296.3 | 1281.9 | 1265.6 | 1260.1 | 1252.2 | 1282.4 | 1323.1 | 1323.6 | 1313.6 | 1280.0 | 1223.0 |
| 52.5° | 1469.2 | 1464.2 | 1461.3 | 1455.8 | 1452.3 | 1478.6 | 1503.4 | 1488.5 | 1473.6 | 1438.5 | 1388.9 |
| 55° | 1643.5 | 1663.9 | 1684.7 | 1686.6 | 1692.6 | 1720.8 | 1720.3 | 1679.7 | 1668.8 | 1649.5 | 1600.4 |
| 57.5° | 1828.8 | 1904.1 | 1969.5 | 1989.8 | 2009.6 | 2062.1 | 2057.2 | 2017.0 | 2003.2 | 1979.4 | 1938.8 |
| 60° | 2080.9 | 2284.0 | 2472.7 | 2517.8 | 2549.0 | 2611.9 | 2606.0 | 2544.1 | 2572.8 | 2570.8 | 2518.3 |
| 62.5° | 2434.1 | 2771.9 | 3054.8 | 3124.1 | 3145.9 | 3152.9 | 3115.2 | 3048.3 | 3076.6 | 3108.3 | 2946.8 |
| 65° | 2673.4 | 3070.6 | 3360.9 | 3414.4 | 3417.4 | 3334.6 | 3250.9 | 3172.2 | 3165.2 | 3138.0 | 2907.2 |
| 66° | 2678.8 | 3085.5 | 3376.7 | 3428.8 | 3410.4 | 3297.5 | 3191.5 | 3112.2 | 3078.1 | 3018.1 | 2778.9 |
| 67.5° | 2582.7 | 2992.9 | 3306.4 | 3361.4 | 3321.3 | 3161.3 | 3015.1 | 2913.1 | 2846.2 | 2749.1 | 2538.1 |
| 70° | 2169.1 | 2575.8 | 2962.1 | 3064.7 | 3077.6 | 2838.8 | 2636.2 | 2516.3 | 2426.2 | 2292.9 | 2111.1 |
| 72.5° | 1612.8 | 1980.4 | 2321.2 | 2419.2 | 2469.3 | 2278.6 | 2107.7 | 2016.5 | 1893.2 | 1753.0 | 1623.7 |
| 75° | 1011.0 | 1270.6 | 1498.9 | 1567.8 | 1520.7 | 1373.1 | 1270.6 | 1232.4 | 1111.1 | 1027.3 | 968.4 |
| 77.5° | 578.1 | 659.3 | 677.6 | 651.4 | 595.9 | 456.2 | 324.4 | 240.2 | 208.5 | 230.8 | 254.6 |
| 80° | 564.2 | 517.1 | 412.1 | 362.6 | 328.4 | 225.9 | 132.8 | 91.1 | 75.8 | 77.8 | 84.2 |
| 82.5° | 611.3 | 655.8 | 539.9 | 440.4 | 369.5 | 249.7 | 137.7 | 73.3 | 49.5 | 58.5 | 65.9 |
| 85° | 397.3 | 552.8 | 497.8 | 419.6 | 339.8 | 213.5 | 113.4 | 38.1 | 25.3 | 33.2 | 45.6 |
| 87.5° | 40.1 | 44.1 | 37.6 | 51.0 | 38.1 | 17.8 | 8.9 | 5.4 | 5.0 | 5.9 | 8.9 |
| 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-T3

CANDELA DISTRIBUTION (continued):

| | 105° | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° |
|-------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 493.9 | 493.9 | 493.9 | 493.9 | 493.9 | 493.9 | 493.9 | 493.9 | 493.9 | 493.9 | 493.9 |
| 2.5° | 493.4 | 493.4 | 493.9 | 494.4 | 494.8 | 495.3 | 495.3 | 495.3 | 495.3 | 496.3 | 495.8 |
| 5° | 494.4 | 495.3 | 496.3 | 496.8 | 497.8 | 497.8 | 499.3 | 498.8 | 498.8 | 500.3 | 500.8 |
| 7.5° | 496.3 | 497.8 | 499.8 | 499.3 | 501.3 | 500.8 | 501.8 | 501.8 | 500.3 | 500.8 | 499.8 |
| 10° | 500.8 | 502.8 | 503.8 | 502.3 | 502.8 | 500.8 | 500.3 | 497.8 | 494.8 | 493.4 | 491.4 |
| 12.5° | 508.2 | 510.2 | 510.2 | 507.7 | 504.8 | 500.3 | 496.8 | 491.4 | 486.9 | 484.4 | 482.0 |
| 15° | 514.7 | 516.6 | 516.1 | 512.2 | 507.7 | 500.8 | 495.8 | 489.4 | 483.0 | 479.0 | 476.5 |
| 17.5° | 519.6 | 520.6 | 519.1 | 513.7 | 508.7 | 502.3 | 497.3 | 490.4 | 483.0 | 478.0 | 473.5 |
| 20° | 527.0 | 526.1 | 522.6 | 515.7 | 510.2 | 504.3 | 500.3 | 494.4 | 485.9 | 479.5 | 473.1 |
| 22.5° | 537.9 | 534.0 | 527.5 | 520.1 | 514.7 | 509.2 | 505.2 | 498.8 | 490.4 | 482.5 | 475.0 |
| 25° | 552.3 | 544.4 | 535.5 | 527.5 | 522.6 | 516.6 | 512.2 | 505.2 | 496.3 | 487.4 | 478.5 |
| 27.5° | 573.1 | 559.2 | 547.8 | 540.9 | 535.5 | 528.0 | 522.6 | 513.7 | 504.3 | 493.9 | 483.9 |
| 30° | 596.4 | 577.6 | 566.7 | 561.2 | 555.3 | 547.4 | 538.9 | 527.5 | 516.6 | 505.2 | 493.4 |
| 32.5° | 626.6 | 603.8 | 593.4 | 588.0 | 580.0 | 570.1 | 560.2 | 547.4 | 532.0 | 517.1 | 502.8 |
| 35° | 666.2 | 643.0 | 632.1 | 623.6 | 612.7 | 599.9 | 585.5 | 568.2 | 547.4 | 527.5 | 509.2 |
| 37.5° | 708.8 | 683.6 | 673.2 | 664.3 | 647.9 | 631.1 | 610.8 | 585.5 | 557.3 | 531.0 | 508.2 |
| 40° | 762.8 | 739.5 | 726.2 | 710.8 | 691.5 | 662.3 | 630.6 | 593.9 | 557.8 | 525.6 | 498.8 |
| 42.5° | 831.2 | 807.9 | 788.1 | 763.8 | 730.1 | 685.1 | 640.0 | 592.4 | 548.8 | 512.2 | 483.5 |
| 45° | 921.8 | 893.6 | 859.4 | 816.8 | 762.3 | 699.4 | 640.5 | 583.0 | 532.0 | 491.4 | 460.7 |
| 47.5° | 1032.8 | 989.7 | 933.7 | 861.9 | 783.6 | 703.4 | 632.6 | 564.2 | 505.7 | 461.7 | 427.5 |
| 50° | 1164.5 | 1096.7 | 1004.6 | 899.0 | 794.5 | 697.4 | 612.7 | 536.0 | 468.6 | 421.5 | 380.9 |
| 52.5° | 1315.1 | 1204.2 | 1068.5 | 925.8 | 794.0 | 677.6 | 579.1 | 493.4 | 420.0 | 367.5 | 328.9 |
| 55° | 1492.0 | 1327.0 | 1134.3 | 945.6 | 780.2 | 641.0 | 527.5 | 433.4 | 360.1 | 311.6 | 275.9 |
| 57.5° | 1751.0 | 1526.1 | 1249.3 | 976.3 | 752.4 | 584.5 | 457.7 | 361.6 | 297.2 | 251.1 | 220.9 |
| 60° | 2224.6 | 1858.5 | 1456.3 | 1038.2 | 709.8 | 501.8 | 376.0 | 284.8 | 230.8 | 193.7 | 173.4 |
| 62.5° | 2581.2 | 2115.6 | 1568.3 | 1024.4 | 624.1 | 399.7 | 278.9 | 207.5 | 169.9 | 144.6 | 131.8 |
| 65° | 2530.2 | 2035.9 | 1448.9 | 882.2 | 489.4 | 281.8 | 185.3 | 141.2 | 116.9 | 105.0 | 97.6 |
| 66° | 2414.8 | 1931.8 | 1345.3 | 794.0 | 423.0 | 234.3 | 152.6 | 118.4 | 100.6 | 92.1 | 87.2 |
| 67.5° | 2195.9 | 1738.7 | 1160.1 | 650.9 | 324.9 | 169.9 | 114.9 | 93.6 | 81.7 | 78.3 | 74.8 |
| 70° | 1825.3 | 1386.5 | 814.3 | 378.9 | 165.9 | 94.6 | 72.8 | 65.4 | 62.4 | 61.9 | 60.9 |
| 72.5° | 1398.8 | 981.3 | 479.5 | 179.3 | 86.2 | 62.9 | 56.5 | 54.0 | 53.0 | 53.0 | 53.5 |
| 75° | 857.4 | 551.3 | 212.0 | 87.7 | 60.4 | 53.0 | 50.0 | 49.0 | 48.5 | 49.0 | 48.5 |
| 77.5° | 286.3 | 175.4 | 90.6 | 66.4 | 55.0 | 49.0 | 47.1 | 46.1 | 46.1 | 46.1 | 46.1 |
| 80° | 87.7 | 76.3 | 69.3 | 61.4 | 52.0 | 46.6 | 43.6 | 43.1 | 43.6 | 44.1 | 42.6 |
| 82.5° | 65.9 | 62.4 | 58.5 | 54.5 | 47.1 | 41.6 | 40.6 | 40.6 | 40.6 | 39.1 | 37.2 |
| 85° | 48.5 | 48.0 | 39.6 | 37.2 | 34.7 | 34.7 | 34.7 | 34.7 | 33.2 | 30.7 | 28.7 |
| 87.5° | 8.9 | 8.4 | 8.9 | 9.4 | 13.9 | 14.9 | 14.9 | 15.9 | 17.3 | 16.3 | 16.3 |
| 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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CANDELA DISTRIBUTION (continued):

| | 160° | 165° | 170° | 175° | 180° |
|-------|-------|-------|-------|-------|-------|
| 0° | 493.9 | 493.9 | 493.9 | 493.9 | 493.9 |
| 2.5° | 495.8 | 495.3 | 496.8 | 495.8 | 496.3 |
| 5° | 500.3 | 499.8 | 500.8 | 499.8 | 501.3 |
| 7.5° | 498.8 | 497.8 | 497.3 | 497.8 | 498.3 |
| 10° | 488.4 | 487.4 | 486.9 | 486.4 | 486.9 |
| 12.5° | 479.5 | 477.5 | 477.5 | 476.5 | 477.0 |
| 15° | 473.1 | 471.6 | 471.1 | 470.1 | 470.6 |
| 17.5° | 470.1 | 467.6 | 466.6 | 465.6 | 465.6 |
| 20° | 468.1 | 465.1 | 463.6 | 462.6 | 462.2 |
| 22.5° | 468.1 | 463.6 | 461.7 | 460.7 | 460.2 |
| 25° | 470.1 | 464.6 | 461.7 | 460.2 | 459.7 |
| 27.5° | 474.0 | 467.1 | 463.6 | 461.7 | 461.7 |
| 30° | 481.0 | 472.1 | 467.1 | 464.6 | 464.1 |
| 32.5° | 487.9 | 476.0 | 469.1 | 466.1 | 465.1 |
| 35° | 491.4 | 476.0 | 467.6 | 462.6 | 461.7 |
| 37.5° | 487.4 | 469.6 | 459.2 | 451.8 | 450.3 |
| 40° | 475.0 | 456.2 | 444.8 | 437.9 | 436.9 |
| 42.5° | 458.7 | 440.4 | 427.0 | 422.0 | 420.5 |
| 45° | 436.4 | 414.6 | 401.2 | 394.3 | 394.8 |
| 47.5° | 398.3 | 376.0 | 364.1 | 357.6 | 358.6 |
| 50° | 353.2 | 331.4 | 321.0 | 314.0 | 315.5 |
| 52.5° | 303.6 | 283.8 | 273.9 | 270.5 | 269.5 |
| 55° | 251.6 | 236.3 | 229.3 | 225.4 | 223.9 |
| 57.5° | 204.1 | 193.2 | 188.2 | 183.3 | 183.8 |
| 60° | 161.0 | 155.5 | 154.1 | 148.6 | 148.1 |
| 62.5° | 126.8 | 123.3 | 121.9 | 117.9 | 118.4 |
| 65° | 96.1 | 95.1 | 96.1 | 93.6 | 94.6 |
| 66° | 86.7 | 87.2 | 87.2 | 85.7 | 86.7 |
| 67.5° | 74.8 | 75.8 | 77.3 | 75.8 | 76.8 |
| 70° | 61.9 | 62.9 | 63.9 | 63.9 | 63.9 |
| 72.5° | 54.0 | 55.0 | 55.5 | 55.5 | 55.5 |
| 75° | 49.5 | 50.0 | 50.5 | 49.5 | 49.5 |
| 77.5° | 46.6 | 46.6 | 45.6 | 45.1 | 44.6 |
| 80° | 42.1 | 41.6 | 40.1 | 39.1 | 39.1 |
| 82.5° | 35.2 | 34.2 | 33.2 | 31.7 | 31.7 |
| 85° | 26.7 | 25.8 | 24.8 | 22.8 | 21.8 |
| 87.5° | 13.9 | 14.4 | 13.9 | 11.4 | 9.9 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)