

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: P180767

Luminaire Tested: **ICM-E02-LED-E1-SL4-HSS-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P180767
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-7030
Description: ICON SITE MEDIUM LED LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - TYPE 4 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD
Light Source: (42) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3457.7 lumens
Efficiency: N/A
Efficacy: 66.4 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 - G1

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

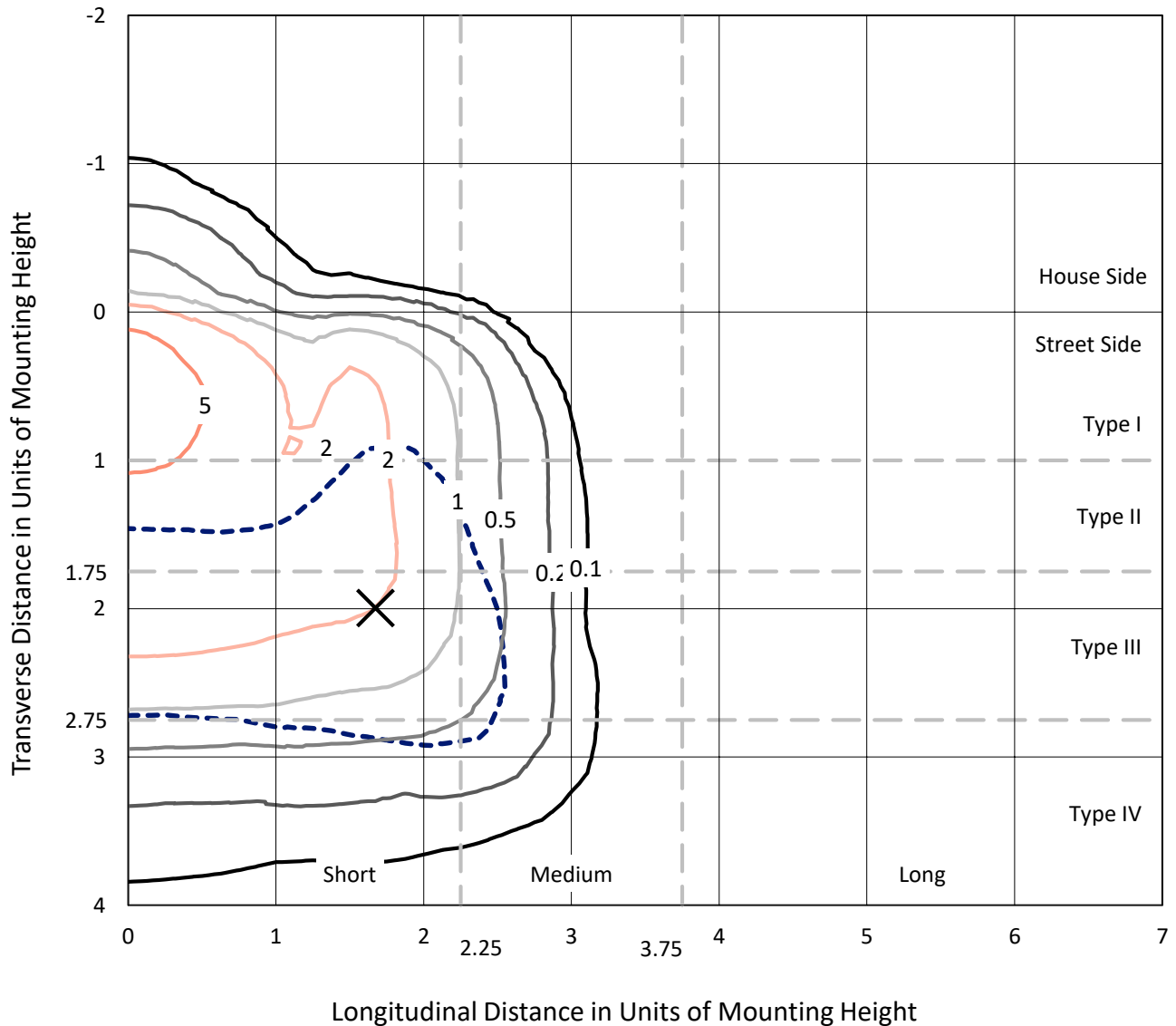


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Iso-Footcandle Lines of Horizontal Illumination

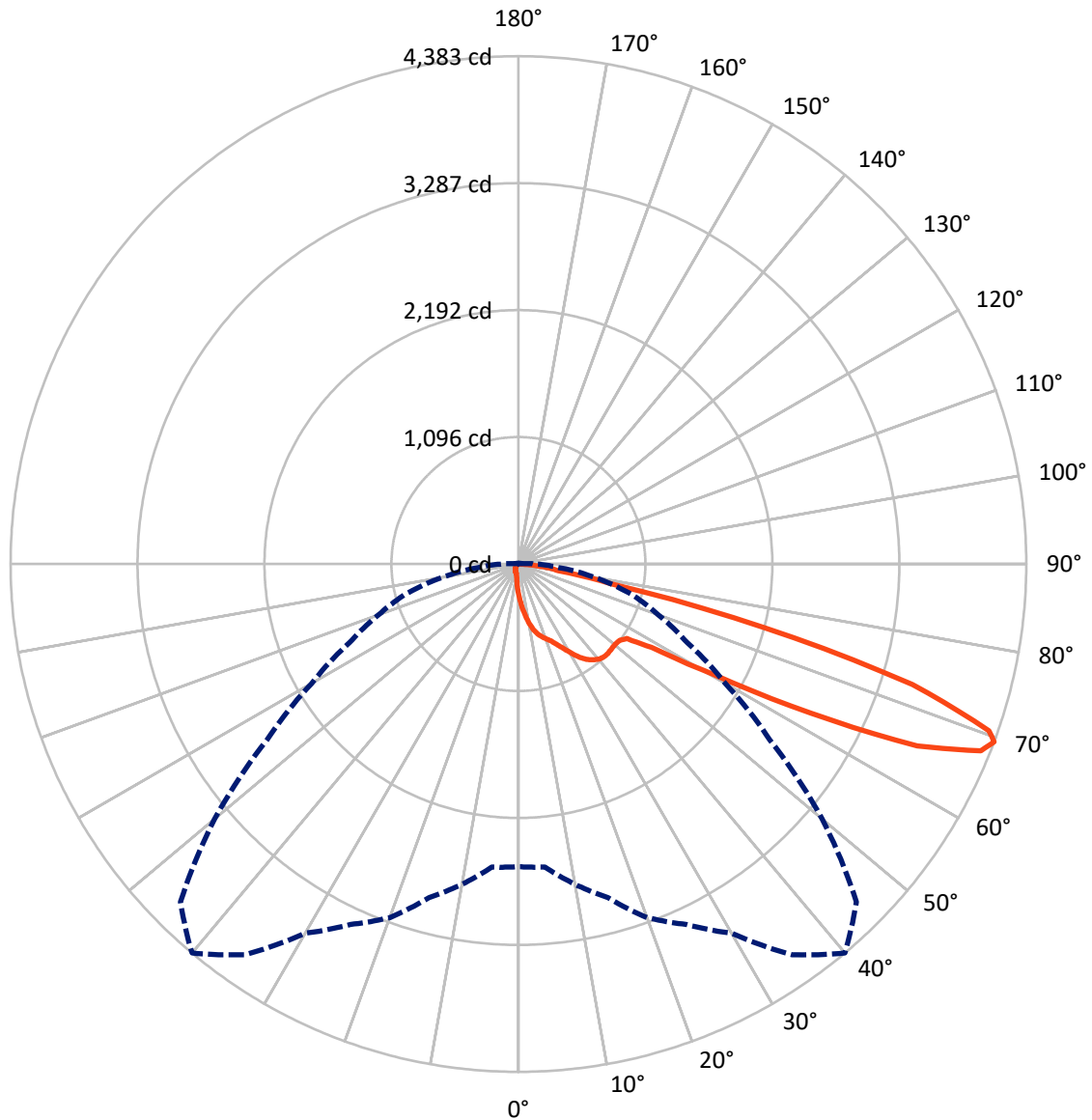
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 7.7 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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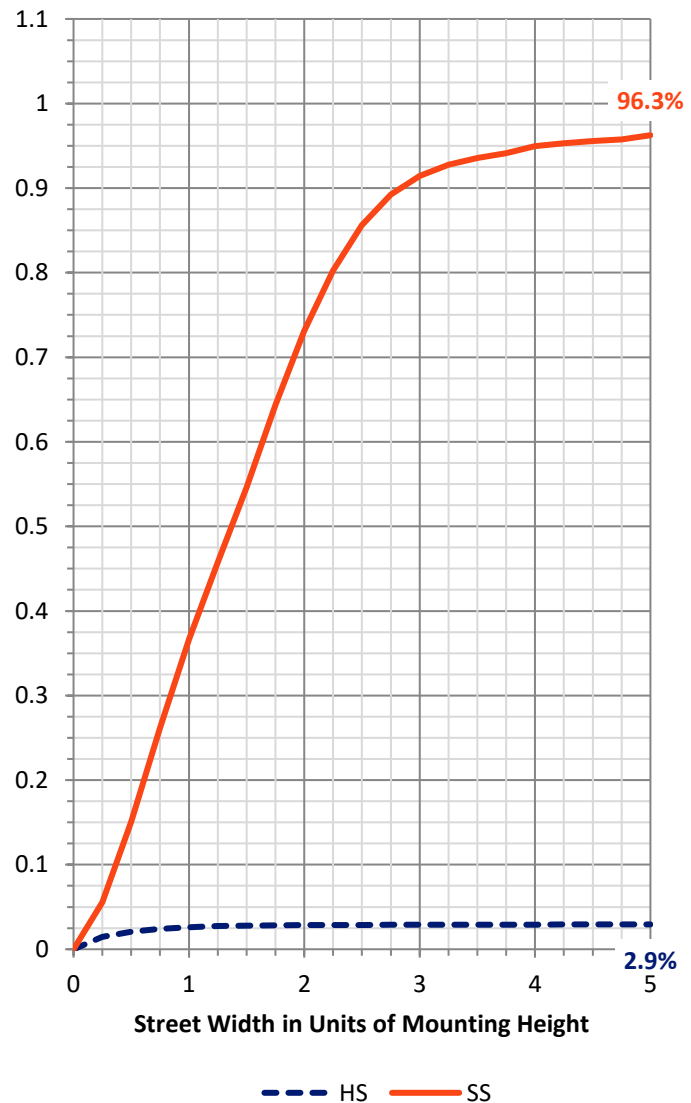
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 103.0 | 0.0 | 103.0 |
| | % Fixture | 3.0 | 0.0 | 3.0 |
| Street Side | Lumens | 3354.7 | 0.0 | 3354.7 |
| | % Fixture | 97.0 | 0.0 | 97.0 |
| Total | Lumens | 3457.7 | 0.0 | 3457.7 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 26.8 | 0.8 |
| 10°-20° | 92.5 | 2.7 |
| 20°-30° | 177.1 | 5.1 |
| 30°-40° | 294.5 | 8.5 |
| 40°-50° | 398.6 | 11.5 |
| 50°-60° | 623.3 | 18.0 |
| 60°-70° | 1281.5 | 37.1 |
| 70°-80° | 515.7 | 14.9 |
| 80°-90° | 47.7 | 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° | 3457.7 | 100.0 |
| 0°-180° | 3457.7 | 100.0 |



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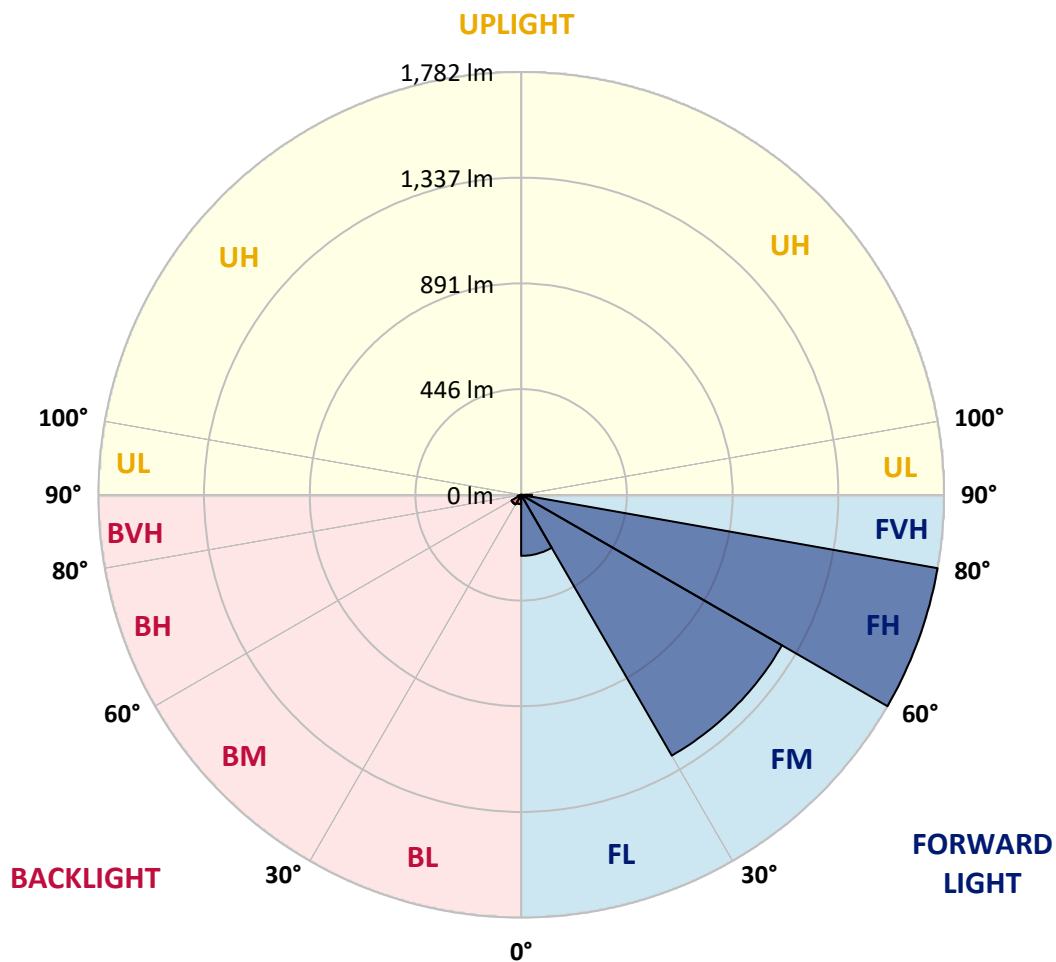
CATALOG NUMBER: ICM-E02-LED-E1-SL4-HSS-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 257.3 | 7.4 | | | |
| FM (30°-60°) | 1269.4 | 36.7 | | | |
| FH (60°-80°) | 1782.1 | 51.5 | | | G1/1800 |
| FVH (80°-90°) | 45.9 | 1.3 | | | G1/100 |
| BL (0°-30°) | 39.2 | 1.1 | B0/110 | | |
| BM (30°-60°) | 47.0 | 1.4 | B0/220 | | |
| BH (60°-80°) | 15.0 | 0.4 | B0/110 | | G0/110 |
| BVH (80°-90°) | 1.8 | 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-G1

Type IV Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 261.1 | 261.1 | 261.1 | 261.1 | 261.1 | 261.1 | 261.1 | 261.1 | 261.1 | 261.1 | 261.1 |
| 2.5° | 348.4 | 344.4 | 339.8 | 339.8 | 334.2 | 334.2 | 330.8 | 321.8 | 320.6 | 315.5 | 310.4 |
| 5° | 444.7 | 441.2 | 435.5 | 430.5 | 426.0 | 418.0 | 412.4 | 401.6 | 389.7 | 378.3 | 368.2 |
| 7.5° | 538.7 | 536.9 | 526.8 | 525.1 | 517.7 | 504.7 | 493.4 | 477.5 | 457.1 | 441.2 | 422.5 |
| 10° | 625.9 | 622.0 | 619.6 | 610.1 | 599.3 | 585.1 | 567.5 | 548.3 | 524.5 | 499.5 | 472.9 |
| 12.5° | 695.0 | 692.7 | 682.5 | 678.6 | 667.3 | 653.1 | 631.0 | 606.1 | 582.2 | 550.0 | 518.9 |
| 15° | 746.5 | 742.6 | 735.8 | 729.6 | 715.9 | 703.5 | 683.1 | 655.9 | 627.1 | 591.9 | 554.5 |
| 17.5° | 789.6 | 782.2 | 780.6 | 770.9 | 756.7 | 742.1 | 719.4 | 694.4 | 660.5 | 625.3 | 584.6 |
| 20° | 847.4 | 837.2 | 833.8 | 819.6 | 803.2 | 782.8 | 756.7 | 725.6 | 689.9 | 651.4 | 609.5 |
| 22.5° | 915.4 | 908.0 | 900.7 | 888.2 | 867.2 | 838.3 | 800.4 | 766.3 | 721.0 | 678.6 | 633.3 |
| 25° | 1011.6 | 1005.4 | 993.5 | 976.5 | 950.4 | 915.9 | 870.1 | 820.2 | 767.0 | 712.6 | 659.4 |
| 27.5° | 1105.1 | 1099.4 | 1090.9 | 1077.9 | 1048.5 | 1010.5 | 953.9 | 890.4 | 823.0 | 757.3 | 698.4 |
| 30° | 1192.8 | 1187.8 | 1179.3 | 1166.2 | 1140.2 | 1102.8 | 1038.8 | 970.9 | 887.0 | 810.5 | 739.7 |
| 32.5° | 1287.4 | 1285.8 | 1276.2 | 1257.5 | 1234.8 | 1184.4 | 1114.7 | 1041.7 | 956.7 | 868.3 | 785.6 |
| 35° | 1394.5 | 1381.5 | 1372.5 | 1353.8 | 1315.3 | 1261.4 | 1179.8 | 1100.0 | 1010.5 | 919.9 | 827.5 |
| 37.5° | 1485.1 | 1472.7 | 1461.4 | 1437.6 | 1390.6 | 1322.1 | 1229.7 | 1141.9 | 1049.6 | 957.2 | 863.3 |
| 40° | 1551.5 | 1545.2 | 1531.6 | 1500.5 | 1447.7 | 1366.2 | 1266.5 | 1170.8 | 1077.9 | 985.0 | 892.1 |
| 42.5° | 1600.8 | 1591.1 | 1575.8 | 1543.5 | 1481.2 | 1388.3 | 1281.2 | 1182.7 | 1090.9 | 1002.0 | 910.8 |
| 45° | 1618.8 | 1610.9 | 1596.8 | 1561.6 | 1494.2 | 1394.5 | 1280.7 | 1179.3 | 1091.5 | 1007.1 | 923.3 |
| 47.5° | 1608.1 | 1600.1 | 1587.6 | 1554.8 | 1488.6 | 1387.2 | 1270.5 | 1169.7 | 1085.9 | 1008.8 | 934.6 |
| 50° | 1572.4 | 1567.8 | 1558.2 | 1530.4 | 1471.0 | 1373.0 | 1261.4 | 1164.6 | 1084.7 | 1017.3 | 950.4 |
| 52.5° | 1569.0 | 1566.1 | 1554.2 | 1526.5 | 1465.9 | 1368.5 | 1260.3 | 1167.4 | 1094.3 | 1028.1 | 961.8 |
| 55° | 1917.3 | 1877.1 | 1787.1 | 1710.6 | 1584.8 | 1435.4 | 1317.5 | 1213.3 | 1135.1 | 1070.5 | 1024.1 |
| 57.5° | 2725.0 | 2665.0 | 2546.6 | 2401.0 | 2112.2 | 1828.4 | 1601.3 | 1437.0 | 1356.0 | 1326.5 | 1344.1 |
| 60° | 3103.5 | 3092.7 | 3074.0 | 3004.9 | 2857.0 | 2612.9 | 2341.0 | 2047.1 | 1929.2 | 1919.1 | 1954.7 |
| 62.5° | 3283.0 | 3276.2 | 3281.9 | 3273.3 | 3227.5 | 3156.1 | 3078.0 | 2951.1 | 2834.3 | 2759.1 | 2599.3 |
| 65° | 3365.7 | 3370.3 | 3402.5 | 3428.0 | 3433.7 | 3452.3 | 3509.5 | 3667.6 | 3783.1 | 3588.9 | 3145.3 |
| 67.5° | 3155.6 | 3182.2 | 3256.4 | 3349.2 | 3458.0 | 3563.4 | 3733.3 | 4066.4 | 4303.7 | 4075.4 | 3445.5 |
| 69° | 2612.3 | 2625.4 | 2806.6 | 2981.7 | 3247.3 | 3433.0 | 3679.5 | 4116.2 | 4383.0 | 4125.2 | 3421.8 |
| 70° | 2056.7 | 2068.6 | 2262.9 | 2500.8 | 2950.0 | 3188.9 | 3511.3 | 4031.8 | 4308.8 | 4059.0 | 3299.4 |
| 72.5° | 927.8 | 910.8 | 979.4 | 1106.8 | 1595.1 | 1974.5 | 2538.2 | 3266.5 | 3554.9 | 3251.8 | 2468.5 |
| 75° | 648.0 | 640.7 | 648.0 | 648.6 | 724.5 | 934.6 | 1179.3 | 1770.6 | 2189.8 | 1889.6 | 1179.3 |
| 77.5° | 501.9 | 496.7 | 491.6 | 486.0 | 495.1 | 554.5 | 578.3 | 628.2 | 815.6 | 771.4 | 449.8 |
| 80° | 397.0 | 392.6 | 405.0 | 401.0 | 401.0 | 407.8 | 403.3 | 384.6 | 349.5 | 324.0 | 290.0 |
| 82.5° | 184.7 | 185.8 | 185.8 | 201.7 | 243.0 | 283.8 | 296.8 | 278.1 | 247.0 | 210.1 | 169.4 |
| 85° | 17.6 | 19.8 | 33.4 | 51.5 | 102.5 | 115.5 | 116.1 | 96.3 | 96.3 | 75.9 | 61.2 |
| 87.5° | 0.0 | 0.6 | 0.6 | 0.6 | 5.1 | 14.1 | 11.9 | 3.4 | 1.7 | 1.7 | 2.8 |
| 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-7030

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 0° | 261.1 | 261.1 | 261.1 | 261.1 | 261.1 | 261.1 | 261.1 | 261.1 | 261.1 | 261.1 | 261.1 |
| 2.5° | 301.3 | 299.6 | 292.8 | 286.0 | 279.8 | 273.0 | 266.8 | 260.6 | 253.8 | 248.7 | 242.4 |
| 5° | 352.3 | 339.8 | 325.7 | 312.1 | 298.5 | 284.4 | 269.6 | 256.6 | 243.0 | 230.5 | 218.6 |
| 7.5° | 403.8 | 379.5 | 360.3 | 335.9 | 313.8 | 291.7 | 271.4 | 250.3 | 231.1 | 212.9 | 196.0 |
| 10° | 447.4 | 418.0 | 388.0 | 356.8 | 325.1 | 295.6 | 267.4 | 242.4 | 216.9 | 194.9 | 173.9 |
| 12.5° | 483.2 | 445.8 | 408.9 | 369.9 | 334.2 | 296.8 | 261.7 | 231.6 | 201.7 | 176.7 | 155.2 |
| 15° | 515.4 | 472.4 | 428.2 | 382.9 | 337.6 | 295.1 | 256.0 | 218.6 | 188.1 | 159.7 | 135.3 |
| 17.5° | 541.5 | 492.2 | 442.4 | 391.4 | 342.7 | 292.8 | 248.7 | 209.6 | 173.9 | 144.5 | 120.7 |
| 20° | 564.2 | 512.7 | 458.8 | 401.6 | 346.0 | 292.3 | 242.4 | 198.2 | 161.4 | 130.2 | 107.1 |
| 22.5° | 585.1 | 533.6 | 475.8 | 414.6 | 351.2 | 291.7 | 236.7 | 189.8 | 150.7 | 119.5 | 96.3 |
| 25° | 608.9 | 554.5 | 494.0 | 428.2 | 360.3 | 294.0 | 233.4 | 183.0 | 141.0 | 109.3 | 87.8 |
| 27.5° | 635.5 | 578.3 | 515.4 | 445.2 | 372.1 | 298.5 | 232.2 | 175.6 | 132.6 | 99.7 | 81.0 |
| 30° | 672.9 | 606.6 | 536.9 | 462.2 | 382.9 | 303.6 | 231.1 | 171.1 | 124.0 | 92.4 | 74.2 |
| 32.5° | 705.8 | 634.4 | 560.7 | 479.7 | 394.8 | 308.7 | 230.5 | 164.8 | 116.1 | 84.9 | 69.1 |
| 35° | 740.3 | 659.9 | 581.1 | 496.7 | 405.0 | 314.3 | 230.0 | 160.3 | 108.7 | 77.6 | 64.0 |
| 37.5° | 770.3 | 681.4 | 597.0 | 511.4 | 416.3 | 319.4 | 230.5 | 156.4 | 102.0 | 71.3 | 59.4 |
| 40° | 795.8 | 703.5 | 614.6 | 525.1 | 428.2 | 327.4 | 231.1 | 152.4 | 95.2 | 65.7 | 55.5 |
| 42.5° | 818.5 | 724.5 | 633.3 | 540.4 | 441.8 | 336.5 | 234.5 | 148.9 | 89.5 | 60.7 | 51.5 |
| 45° | 836.0 | 743.7 | 653.7 | 561.9 | 463.9 | 351.2 | 240.7 | 146.7 | 83.8 | 56.1 | 48.2 |
| 47.5° | 854.1 | 772.0 | 688.2 | 595.9 | 496.2 | 374.4 | 251.5 | 146.1 | 79.3 | 52.7 | 45.3 |
| 50° | 879.1 | 800.4 | 718.8 | 630.4 | 525.7 | 398.2 | 264.6 | 146.7 | 73.7 | 49.3 | 42.5 |
| 52.5° | 897.2 | 829.2 | 758.4 | 690.4 | 595.9 | 470.7 | 314.9 | 156.9 | 70.8 | 46.4 | 39.1 |
| 55° | 1004.3 | 992.4 | 994.1 | 1005.4 | 932.3 | 800.9 | 526.8 | 226.6 | 83.3 | 52.7 | 38.5 |
| 57.5° | 1416.1 | 1458.0 | 1482.3 | 1481.8 | 1361.1 | 1128.8 | 707.4 | 291.2 | 92.9 | 61.2 | 45.9 |
| 60° | 1957.6 | 1925.9 | 1881.1 | 1770.6 | 1610.3 | 1288.6 | 791.3 | 313.2 | 80.5 | 48.7 | 42.0 |
| 62.5° | 2436.2 | 2250.4 | 2085.6 | 1906.6 | 1696.5 | 1344.1 | 808.3 | 311.5 | 70.2 | 36.8 | 29.5 |
| 65° | 2734.7 | 2400.5 | 2134.2 | 1910.0 | 1662.4 | 1297.7 | 764.7 | 286.0 | 59.4 | 30.0 | 24.4 |
| 67.5° | 2806.1 | 2319.5 | 1942.8 | 1656.8 | 1388.8 | 1010.0 | 561.3 | 215.3 | 46.4 | 24.9 | 21.5 |
| 69° | 2650.2 | 2061.8 | 1609.8 | 1285.2 | 1010.5 | 670.1 | 347.3 | 135.9 | 35.7 | 22.7 | 19.8 |
| 70° | 2437.9 | 1793.3 | 1311.3 | 1031.4 | 748.3 | 470.7 | 243.0 | 95.7 | 28.9 | 20.9 | 18.1 |
| 72.5° | 1568.4 | 942.0 | 644.6 | 448.6 | 308.7 | 187.4 | 95.2 | 43.1 | 22.0 | 17.6 | 14.7 |
| 75° | 608.4 | 348.4 | 252.7 | 192.0 | 150.1 | 104.2 | 57.8 | 27.7 | 18.7 | 14.7 | 11.3 |
| 77.5° | 299.6 | 229.4 | 187.4 | 128.6 | 74.8 | 46.4 | 31.2 | 21.5 | 15.3 | 10.8 | 7.3 |
| 80° | 236.7 | 157.5 | 94.0 | 58.3 | 44.2 | 33.4 | 23.8 | 17.6 | 11.3 | 6.8 | 5.1 |
| 82.5° | 121.2 | 66.2 | 48.7 | 39.6 | 32.8 | 26.0 | 19.3 | 12.5 | 7.3 | 4.6 | 4.0 |
| 85° | 38.0 | 27.7 | 24.9 | 24.4 | 22.7 | 18.7 | 13.6 | 7.9 | 4.6 | 2.8 | 2.8 |
| 87.5° | 2.8 | 4.0 | 5.1 | 4.0 | 4.6 | 4.0 | 5.1 | 3.4 | 2.2 | 2.2 | 1.7 |
| 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: ICM-E02-LED-E1-SL4-HSS-7030

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 261.1 | 261.1 | 261.1 | 261.1 | 261.1 | 261.1 | 261.1 | 261.1 | 261.1 | 261.1 | 261.1 |
| 2.5° | 237.9 | 231.1 | 224.8 | 220.9 | 213.6 | 210.7 | 207.9 | 206.7 | 201.7 | 202.8 | 198.2 |
| 5° | 207.9 | 196.0 | 186.9 | 177.9 | 169.4 | 163.2 | 158.0 | 151.8 | 146.7 | 144.5 | 139.9 |
| 7.5° | 180.7 | 165.4 | 153.5 | 143.9 | 133.7 | 125.8 | 119.0 | 114.4 | 109.9 | 105.4 | 103.1 |
| 10° | 156.9 | 140.5 | 126.9 | 117.2 | 107.6 | 100.8 | 95.7 | 92.4 | 89.5 | 87.8 | 87.3 |
| 12.5° | 134.8 | 119.0 | 106.5 | 98.0 | 90.6 | 87.3 | 84.9 | 83.3 | 82.7 | 82.1 | 82.1 |
| 15° | 117.9 | 102.0 | 92.4 | 86.1 | 82.7 | 81.0 | 80.5 | 79.3 | 78.1 | 77.6 | 77.6 |
| 17.5° | 102.0 | 90.0 | 83.3 | 79.9 | 78.1 | 77.0 | 75.9 | 74.8 | 73.7 | 73.0 | 73.0 |
| 20° | 91.2 | 81.6 | 78.1 | 75.9 | 74.2 | 73.0 | 71.3 | 70.2 | 69.7 | 69.1 | 68.6 |
| 22.5° | 82.7 | 76.5 | 74.2 | 72.5 | 70.2 | 68.6 | 67.4 | 66.2 | 65.1 | 64.6 | 64.0 |
| 25° | 76.5 | 72.5 | 70.8 | 68.6 | 66.2 | 64.6 | 62.9 | 61.2 | 60.0 | 59.4 | 58.3 |
| 27.5° | 71.9 | 69.1 | 66.9 | 64.0 | 61.8 | 60.0 | 58.3 | 56.7 | 55.5 | 54.4 | 53.8 |
| 30° | 68.0 | 65.1 | 62.3 | 60.0 | 57.2 | 55.5 | 53.2 | 51.5 | 51.0 | 49.9 | 48.7 |
| 32.5° | 64.0 | 61.2 | 58.3 | 55.5 | 52.7 | 50.4 | 49.3 | 47.0 | 45.9 | 45.3 | 44.2 |
| 35° | 59.4 | 56.7 | 53.2 | 51.0 | 48.2 | 45.9 | 44.2 | 42.5 | 41.3 | 40.2 | 39.6 |
| 37.5° | 55.5 | 52.1 | 48.7 | 45.9 | 43.6 | 41.3 | 39.6 | 38.0 | 36.8 | 35.7 | 35.2 |
| 40° | 51.0 | 47.5 | 44.2 | 41.3 | 39.1 | 37.4 | 35.7 | 34.0 | 32.8 | 32.3 | 32.3 |
| 42.5° | 47.0 | 43.1 | 39.6 | 37.4 | 35.7 | 33.4 | 31.7 | 30.0 | 29.5 | 28.9 | 29.5 |
| 45° | 43.1 | 39.1 | 36.3 | 34.0 | 32.3 | 30.0 | 28.3 | 27.2 | 26.6 | 27.2 | 27.7 |
| 47.5° | 39.6 | 35.7 | 32.8 | 31.2 | 29.5 | 27.7 | 26.0 | 24.9 | 24.9 | 26.0 | 27.2 |
| 50° | 36.3 | 32.3 | 30.0 | 28.9 | 27.2 | 25.5 | 23.3 | 22.7 | 23.3 | 24.4 | 25.5 |
| 52.5° | 32.8 | 28.3 | 26.6 | 26.0 | 24.4 | 22.7 | 20.9 | 20.4 | 20.9 | 22.0 | 21.5 |
| 55° | 29.5 | 24.9 | 24.4 | 23.8 | 22.0 | 19.8 | 18.1 | 18.1 | 18.1 | 17.6 | 16.5 |
| 57.5° | 28.3 | 22.0 | 21.5 | 20.9 | 19.3 | 17.0 | 15.8 | 14.7 | 14.1 | 12.5 | 11.9 |
| 60° | 29.5 | 19.8 | 19.8 | 18.7 | 17.0 | 14.7 | 13.0 | 11.3 | 10.2 | 9.0 | 9.0 |
| 62.5° | 23.8 | 18.1 | 17.6 | 16.5 | 14.1 | 11.9 | 10.2 | 8.5 | 7.9 | 7.3 | 7.3 |
| 65° | 19.3 | 16.5 | 15.3 | 13.6 | 11.9 | 9.7 | 7.9 | 6.8 | 6.2 | 6.2 | 6.8 |
| 67.5° | 17.6 | 14.7 | 13.0 | 11.3 | 9.7 | 7.3 | 6.2 | 5.7 | 5.7 | 6.2 | 6.2 |
| 69° | 16.5 | 13.6 | 11.9 | 10.2 | 8.5 | 6.8 | 5.7 | 5.7 | 5.7 | 5.7 | 6.2 |
| 70° | 15.3 | 13.0 | 11.3 | 9.7 | 7.3 | 5.7 | 5.1 | 5.1 | 5.7 | 5.7 | 6.2 |
| 72.5° | 11.9 | 10.2 | 9.7 | 7.9 | 5.7 | 5.1 | 4.6 | 5.1 | 5.1 | 5.7 | 5.7 |
| 75° | 9.0 | 7.3 | 7.3 | 6.2 | 4.6 | 4.0 | 4.0 | 4.6 | 4.6 | 5.1 | 5.1 |
| 77.5° | 6.2 | 5.1 | 5.1 | 4.6 | 4.0 | 3.4 | 3.4 | 4.0 | 4.6 | 4.6 | 5.1 |
| 80° | 4.6 | 4.0 | 3.4 | 4.0 | 3.4 | 2.8 | 3.4 | 4.0 | 4.0 | 4.6 | 4.6 |
| 82.5° | 3.4 | 3.4 | 3.4 | 3.4 | 2.8 | 2.8 | 3.4 | 3.4 | 4.0 | 4.6 | 4.6 |
| 85° | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 3.4 | 3.4 | 4.0 | 4.0 |
| 87.5° | 1.7 | 1.7 | 1.7 | 2.2 | 2.2 | 2.8 | 2.8 | 2.8 | 2.8 | 3.4 | 3.4 |
| 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: P180767

CATALOG NUMBER: ICM-E02-LED-E1-SL4-HSS-7030

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° |
|-------|-------|-------|-------|-------|
| 0° | 261.1 | 261.1 | 261.1 | 261.1 |
| 2.5° | 197.1 | 196.6 | 194.3 | 194.9 |
| 5° | 138.2 | 134.8 | 137.1 | 136.5 |
| 7.5° | 101.4 | 100.8 | 100.3 | 101.4 |
| 10° | 86.7 | 86.7 | 86.1 | 86.7 |
| 12.5° | 81.6 | 81.6 | 81.6 | 81.6 |
| 15° | 77.6 | 77.6 | 77.0 | 77.0 |
| 17.5° | 73.0 | 73.0 | 73.0 | 72.5 |
| 20° | 68.6 | 68.0 | 68.0 | 68.0 |
| 22.5° | 63.4 | 62.9 | 62.9 | 62.9 |
| 25° | 58.3 | 57.8 | 57.8 | 57.8 |
| 27.5° | 53.2 | 52.7 | 52.1 | 52.1 |
| 30° | 48.2 | 47.5 | 47.0 | 47.0 |
| 32.5° | 43.1 | 42.5 | 42.0 | 42.0 |
| 35° | 38.5 | 38.5 | 38.0 | 37.4 |
| 37.5° | 34.5 | 34.5 | 34.5 | 34.5 |
| 40° | 31.7 | 32.3 | 32.3 | 32.3 |
| 42.5° | 30.0 | 30.6 | 31.2 | 31.7 |
| 45° | 28.9 | 30.0 | 30.6 | 30.6 |
| 47.5° | 28.3 | 28.9 | 29.5 | 29.5 |
| 50° | 26.0 | 25.5 | 25.5 | 25.5 |
| 52.5° | 20.9 | 19.8 | 19.3 | 18.7 |
| 55° | 15.3 | 14.7 | 13.6 | 13.6 |
| 57.5° | 10.8 | 10.8 | 10.2 | 10.2 |
| 60° | 8.5 | 8.5 | 7.9 | 8.5 |
| 62.5° | 7.3 | 7.3 | 7.3 | 7.3 |
| 65° | 6.8 | 6.8 | 6.8 | 6.8 |
| 67.5° | 6.8 | 6.8 | 6.8 | 6.8 |
| 69° | 6.2 | 6.2 | 6.2 | 6.2 |
| 70° | 6.2 | 6.2 | 6.2 | 6.2 |
| 72.5° | 5.7 | 5.7 | 5.7 | 5.7 |
| 75° | 5.1 | 5.7 | 5.7 | 5.7 |
| 77.5° | 5.1 | 5.1 | 5.1 | 5.1 |
| 80° | 4.6 | 4.6 | 5.1 | 5.1 |
| 82.5° | 4.6 | 4.6 | 4.6 | 4.6 |
| 85° | 4.0 | 4.0 | 4.6 | 4.6 |
| 87.5° | 3.4 | 3.4 | 4.0 | 4.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)