

## **Indoor Distribution Test Report**

# **Spectrum Lighting Inc.**

994 Jefferson Street  
Fall River, MA 02721  
+1.508.678.2303

## **Spectrum Lighting Photometric Lab**

### **Luminaire**

SLO3IND4 11L 35K LA xx xx MW  
Specline Linear Pendant, 1.8" aperture x 4' Long, Matte White Refl

### **Test Number**

SP-01432\_1

### **Test Date**

6/3/2022

The results contained in this report pertain only to this IES file.

## Summary of Results

### Power

|                    |      |
|--------------------|------|
| <b>Input Watts</b> | 34 W |
|--------------------|------|

### Lumen Output

|                      |             |
|----------------------|-------------|
| <b>Output Lumens</b> | 3426        |
| <b>Efficacy</b>      | 100.78 lm/W |

### Luminous Dimensions

|                        |      |
|------------------------|------|
| <b>0° - 180° Size</b>  | 0.15 |
| <b>90° - 270° Size</b> | 4    |
| <b>Height</b>          | 0    |

### Spacing Criterion

|                                  |      |
|----------------------------------|------|
| <b>Two luminaires, plane 0°</b>  | 1.24 |
| <b>Two luminaires, plane 90°</b> | 1.18 |
| <b>Four luminaires</b>           | 1.18 |

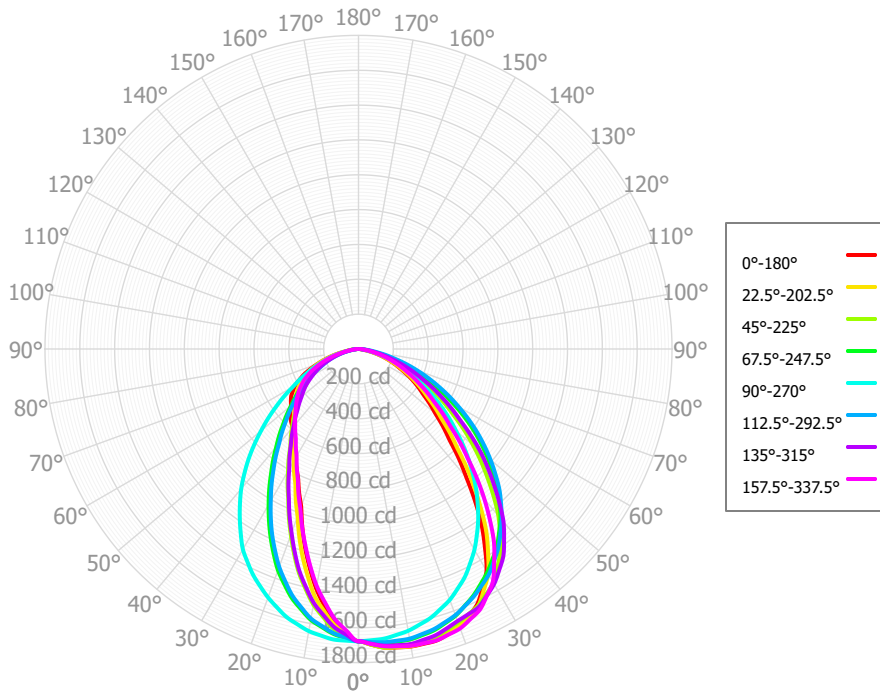
### Full Beam Angle

|                   |     |
|-------------------|-----|
| <b>0° - 180°</b>  | 66° |
| <b>90° - 270°</b> | 92° |

## IES File Header Contents

| Keyword   | Value   |
|-----------|---|
| TEST      | SP-01432_1  |
| TESTLAB   | Spectrum Lighting Photometric Lab, VLS-245-981                          |
| MANUFAC   | Spectrum Lighting   |
| TESTDATE  | 6/3/2022  |
| ISSUEDATE | 11/11/2022  |
| LUMCAT    | SLO3IND4 11L 35K LA xx xx MW  |
| LUMINAIRE | Specline Linear Pendant, 1.8" aperture x 4' Long, Matte White Refl      |
| OTHER     | Extruded Acrylic Lens, Asymmetric Distribution                          |
| OTHER     | Data for 4' IND fixture, or 4' module for continuous ROW                |
| OTHER     | 66 deg x 96 deg Beam Angle  |
| LAMP      | N/A, Min. 80 CRI  |
| LAMPCAT   | N/A   |
| OTHER     | Reference project SL473   |
| OTHER     | 11L designation for Spectrum linear product indicates 868 Source Lm/Ft. |
| OTHER     | CCT Output Multipliers: 40K x 1.02, 30K x 0.97                          |
| OTHER     | Total Luminaire Watts is approximate                                    |
| OTHER     | This report prepared by Spectrum Lighting                               |

### Candela Polar Plot



### Zonal Lumen Summary

| Zone            | Lumens  | % Fixture | Zone              | Lumens  | % Fixture |
|-----------------|---------|-----------|-------------------|---------|-----------|
| 0.00° - 10.00°  | 158.62  | 4.63%     | 90.00° - 100.00°  | 0.00    | 0.00%     |
| 10.00° - 20.00° | 425.96  | 12.43%    | 100.00° - 110.00° | 0.00    | 0.00%     |
| 20.00° - 30.00° | 600.55  | 17.53%    | 100.00° - 120.00° | 0.00    | 0.00%     |
| 30.00° - 40.00° | 658.96  | 19.23%    | 120.00° - 130.00° | 0.00    | 0.00%     |
| 40.00° - 50.00° | 600.46  | 17.52%    | 130.00° - 140.00° | 0.00    | 0.00%     |
| 50.00° - 60.00° | 477.80  | 13.94%    | 140.00° - 150.00° | 0.00    | 0.00%     |
| 60.00° - 70.00° | 321.74  | 9.39%     | 150.00° - 160.00° | 0.00    | 0.00%     |
| 70.00° - 80.00° | 151.67  | 4.43%     | 160.00° - 170.00° | 0.00    | 0.00%     |
| 80.00° - 90.00° | 30.60   | 0.89%     | 170.00° - 180.00° | 0.00    | 0.00%     |
| 0.00° - 90.00°  | 3426.37 | 100.00%   | 0.00° - 180.00°   | 3426.37 | 100.00%   |

### Candela Distribution

|        | 0.00°   | 22.50°  | 45.00°  | 67.50°  | 90.00°  | 112.50° | 135.00° | 157.50° | 180.00° | 202.50° | 225.00° | 247.50° | 270.00° | 292.50° | 315.00° | 337.50° | 360.00° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0.00°  | 1678.20 | 1678.20 | 1678.20 | 1678.20 | 1678.20 | 1678.20 | 1678.20 | 1678.20 | 1678.20 | 1678.20 | 1678.20 | 1678.20 | 1678.20 | 1678.20 | 1678.20 | 1678.20 | 1678.20 |
| 2.50°  | 1699.55 | 1699.58 | 1698.96 | 1686.36 | 1673.95 | 1657.98 | 1640.66 | 1617.48 | 1630.71 | 1633.97 | 1646.57 | 1660.35 | 1675.98 | 1684.18 | 1694.10 | 1695.77 | 1699.55 |
| 5.00°  | 1720.90 | 1720.96 | 1719.71 | 1694.51 | 1669.69 | 1637.75 | 1603.12 | 1556.75 | 1583.22 | 1589.73 | 1614.94 | 1642.49 | 1673.76 | 1690.15 | 1709.99 | 1713.34 | 1720.90 |
| 7.50°  | 1727.71 | 1727.18 | 1720.93 | 1694.23 | 1656.34 | 1604.65 | 1541.71 | 1469.13 | 1490.30 | 1516.62 | 1552.80 | 1610.71 | 1659.16 | 1689.47 | 1715.13 | 1721.82 | 1727.71 |
| 10.00° | 1734.52 | 1733.39 | 1722.14 | 1693.94 | 1643.00 | 1571.55 | 1480.30 | 1381.51 | 1397.38 | 1443.49 | 1490.66 | 1578.93 | 1644.56 | 1688.79 | 1720.26 | 1730.29 | 1734.52 |
| 12.50° | 1733.62 | 1728.86 | 1716.60 | 1683.24 | 1620.77 | 1518.88 | 1398.02 | 1277.58 | 1290.15 | 1340.54 | 1408.51 | 1529.41 | 1619.17 | 1677.44 | 1711.43 | 1731.01 | 1733.62 |
| 15.00° | 1732.73 | 1724.31 | 1711.05 | 1672.54 | 1598.54 | 1466.21 | 1315.74 | 1173.66 | 1182.91 | 1237.59 | 1326.36 | 1479.90 | 1593.79 | 1666.08 | 1702.59 | 1731.71 | 1732.73 |
| 17.50° | 1716.28 | 1708.61 | 1691.39 | 1651.00 | 1565.57 | 1398.70 | 1219.65 | 1074.97 | 1072.74 | 1130.22 | 1230.86 | 1415.87 | 1555.99 | 1646.08 | 1682.61 | 1719.35 | 1716.28 |
| 20.00° | 1699.83 | 1692.89 | 1671.73 | 1629.45 | 1532.60 | 1331.19 | 1123.56 | 976.28  | 962.57  | 1022.84 | 1135.36 | 1351.84 | 1518.19 | 1626.07 | 1662.63 | 1706.99 | 1699.83 |
| 22.50° | 1657.63 | 1660.34 | 1648.68 | 1595.58 | 1488.51 | 1252.42 | 1034.88 | 900.18  | 891.35  | 939.98  | 1044.39 | 1272.72 | 1474.73 | 1596.57 | 1648.37 | 1678.76 | 1657.63 |
| 25.00° | 1615.44 | 1627.79 | 1625.63 | 1561.71 | 1444.42 | 1173.64 | 946.19  | 824.09  | 820.12  | 857.11  | 953.41  | 1193.60 | 1431.27 | 1567.07 | 1634.10 | 1650.54 | 1615.44 |
| 27.50° | 1542.84 | 1558.69 | 1587.69 | 1520.50 | 1387.83 | 1090.61 | 870.87  | 767.48  | 770.98  | 800.40  | 881.16  | 1112.74 | 1379.62 | 1531.26 | 1595.85 | 1596.68 | 1542.84 |
| 30.00° | 1470.24 | 1489.60 | 1549.74 | 1479.28 | 1331.23 | 1007.57 | 795.54  | 710.87  | 721.85  | 743.68  | 808.90  | 1031.87 | 1327.98 | 1495.46 | 1557.59 | 1542.82 | 1470.24 |
| 32.50° | 1351.15 | 1384.34 | 1484.64 | 1431.76 | 1264.72 | 930.15  | 736.76  | 669.33  | 679.58  | 699.06  | 745.73  | 953.69  | 1258.01 | 1446.39 | 1503.94 | 1449.67 | 1351.15 |
| 35.00° | 1232.06 | 1279.08 | 1419.53 | 1384.23 | 1198.20 | 852.72  | 677.97  | 627.78  | 637.30  | 654.42  | 682.56  | 875.51  | 1188.03 | 1397.32 | 1450.29 | 1356.53 | 1232.06 |
| 37.50° | 1098.47 | 1154.95 | 1334.47 | 1326.36 | 1124.35 | 781.16  | 628.99  | 596.87  | 613.05  | 620.18  | 638.46  | 805.23  | 1117.83 | 1338.28 | 1372.80 | 1240.28 | 1098.47 |
| 40.00° | 964.88  | 1030.81 | 1249.40 | 1268.49 | 1050.50 | 709.59  | 580.01  | 565.95  | 588.80  | 585.94  | 594.35  | 734.94  | 1047.63 | 1279.24 | 1295.31 | 1124.04 | 964.88  |
| 42.50° | 852.42  | 915.25  | 1149.06 | 1197.72 | 971.77  | 650.72  | 538.15  | 538.73  | 571.21  | 553.97  | 553.02  | 673.69  | 969.82  | 1211.95 | 1196.95 | 1005.52 | 852.42  |
| 45.00° | 739.96  | 799.69  | 1048.73 | 1126.95 | 893.05  | 591.85  | 496.30  | 511.51  | 553.62  | 522.00  | 511.68  | 612.43  | 892.00  | 1144.65 | 1098.58 | 886.99  | 739.96  |
| 47.50° | 658.24  | 711.37  | 953.38  | 1046.37 | 812.32  | 540.67  | 461.80  | 487.80  | 530.03  | 498.31  | 478.82  | 558.49  | 810.89  | 1066.96 | 1004.65 | 787.29  | 658.24  |
| 50.00° | 576.53  | 623.05  | 858.04  | 965.78  | 731.58  | 489.49  | 427.31  | 464.09  | 506.42  | 474.60  | 445.95  | 504.55  | 729.78  | 989.27  | 910.72  | 687.59  | 576.53  |
| 52.50° | 515.20  | 555.35  | 765.11  | 883.72  | 658.03  | 444.12  | 398.71  | 440.40  | 489.03  | 454.27  | 409.83  | 459.45  | 653.80  | 909.69  | 811.64  | 610.06  | 515.20  |
| 55.00° | 453.88  | 487.65  | 672.18  | 801.67  | 584.47  | 398.74  | 370.12  | 416.71  | 471.63  | 433.94  | 373.69  | 414.35  | 577.82  | 830.11  | 712.56  | 532.53  | 453.88  |
| 57.50° | 406.74  | 432.71  | 591.53  | 715.76  | 513.08  | 356.28  | 337.30  | 389.44  | 445.04  | 408.12  | 346.72  | 371.71  | 506.53  | 747.20  | 631.12  | 470.74  | 406.74  |
| 60.00° | 359.61  | 377.78  | 510.87  | 629.86  | 441.69  | 313.83  | 304.49  | 362.17  | 418.46  | 382.28  | 319.75  | 329.08  | 435.24  | 664.30  | 549.68  | 408.95  | 359.61  |
| 62.50° | 311.29  | 326.49  | 442.70  | 546.69  | 382.57  | 274.29  | 273.92  | 328.63  | 381.33  | 352.31  | 285.43  | 291.68  | 380.43  | 585.02  | 475.38  | 356.67  | 311.29  |
| 65.00° | 262.98  | 275.20  | 374.53  | 463.52  | 323.46  | 234.76  | 243.34  | 295.08  | 344.20  | 322.34  | 251.10  | 254.27  | 325.62  | 505.74  | 401.08  | 304.40  | 262.98  |
| 67.50° | 223.66  | 230.96  | 312.33  | 390.69  | 272.83  | 203.96  | 208.05  | 256.71  | 296.65  | 283.63  | 222.29  | 220.92  | 276.30  | 431.07  | 338.41  | 259.20  | 223.66  |
| 70.00° | 184.34  | 186.72  | 250.12  | 317.86  | 222.20  | 173.15  | 172.77  | 218.35  | 249.11  | 244.91  | 193.47  | 187.57  | 226.98  | 356.40  | 275.74  | 214.00  | 184.34  |
| 72.50° | 145.92  | 149.54  | 196.96  | 250.98  | 175.82  | 140.69  | 141.63  | 178.00  | 205.75  | 203.36  | 157.46  | 154.83  | 187.07  | 286.50  | 220.10  | 172.43  | 145.92  |
| 75.00° | 107.50  | 112.36  | 143.80  | 184.11  | 129.43  | 108.22  | 110.49  | 137.66  | 162.38  | 161.81  | 121.46  | 122.08  | 147.16  | 216.59  | 164.45  | 130.86  | 107.50  |
| 77.50° | 72.95   | 80.83   | 101.96  | 129.82  | 94.09   | 77.30   | 83.37   | 100.41  | 116.14  | 121.52  | 91.11   | 92.74   | 102.59  | 162.17  | 122.15  | 96.02   | 72.95   |
| 80.00° | 38.40   | 49.30   | 60.12   | 75.52   | 58.75   | 46.38   | 56.24   | 63.15   | 69.89   | 81.24   | 60.76   | 63.40   | 58.02   | 107.75  | 79.85   | 61.18   | 38.40   |
| 82.50° | 25.70   | 32.05   | 38.61   | 48.24   | 40.75   | 30.96   | 35.96   | 41.13   | 44.98   | 54.49   | 39.43   | 43.29   | 39.11   | 72.67   | 51.14   | 40.90   | 25.70   |
| 85.00° | 13.00   | 14.79   | 17.10   | 20.96   | 22.75   | 15.54   | 15.68   | 19.11   | 20.07   | 27.74   | 18.10   | 23.18   | 20.20   | 37.60   | 22.42   | 20.61   | 13.00   |
| 87.50° | 9.38    | 10.47   | 11.40   | 13.95   | 14.63   | 11.47   | 11.50   | 12.81   | 12.41   | 18.47   | 12.77   | 15.71   | 12.90   | 23.98   | 14.95   | 14.21   | 9.38    |
| 90.00° | 5.76    | 6.14    | 5.69    | 6.94    | 6.51    | 7.41    | 7.33    | 6.51    | 4.75    | 9.20    | 7.45    | 8.23    | 5.60    | 10.36   | 7.48    | 7.81    | 5.76    |

### Coefficients of Utilization – Zonal Cavity Method

Values are lumens delivered to the workplane.

|            |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------------|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| <b>RCR</b> | <b>pfc</b> | 20%  | 20%  | 20%  | 20%  | 20%  | 20%  | 20%  | 20%  | 20%  | 20%  | 20%  | 20%  | 20%  | 20%  | 20%  | 20%  | 20%  | 0%   |
|            | <b>pcc</b> | 80%  | 80%  | 80%  | 80%  | 70%  | 70%  | 70%  | 70%  | 50%  | 50%  | 50%  | 30%  | 30%  | 30%  | 10%  | 10%  | 10%  | 0%   |
|            | <b>pw</b>  | 70%  | 50%  | 30%  | 10%  | 70%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 30%  |
|            | <b>0</b>   | 4079 | 4079 | 4079 | 4079 | 3984 | 3984 | 3984 | 3984 | 3807 | 3807 | 3807 | 3645 | 3645 | 3645 | 3496 | 3496 | 3496 | 3426 |
|            | <b>1</b>   | 3771 | 3626 | 3497 | 3380 | 3680 | 3550 | 3432 | 3325 | 3406 | 3309 | 3220 | 3273 | 3195 | 3122 | 3152 | 3089 | 3030 | 3024 |
|            | <b>2</b>   | 3464 | 3209 | 2999 | 2822 | 3377 | 3145 | 2952 | 2788 | 3026 | 2864 | 2724 | 2916 | 2781 | 2663 | 2815 | 2703 | 2604 | 2646 |
|            | <b>3</b>   | 3184 | 2855 | 2599 | 2396 | 3103 | 2802 | 2565 | 2375 | 2702 | 2500 | 2334 | 2610 | 2438 | 2294 | 2524 | 2380 | 2256 | 2329 |
|            | <b>4</b>   | 2936 | 2557 | 2279 | 2067 | 2861 | 2513 | 2254 | 2053 | 2429 | 2204 | 2026 | 2351 | 2157 | 1999 | 2279 | 2112 | 1973 | 2067 |
|            | <b>5</b>   | 2716 | 2306 | 2020 | 1808 | 2647 | 2269 | 2000 | 1799 | 2198 | 1961 | 1780 | 2132 | 1924 | 1761 | 2071 | 1889 | 1743 | 1850 |
|            | <b>6</b>   | 2521 | 2093 | 1806 | 1600 | 2458 | 2062 | 1790 | 1593 | 2002 | 1760 | 1580 | 1946 | 1731 | 1567 | 1893 | 1703 | 1554 | 1669 |
|            | <b>7</b>   | 2348 | 1911 | 1628 | 1430 | 2291 | 1885 | 1616 | 1425 | 1833 | 1591 | 1415 | 1785 | 1568 | 1406 | 1740 | 1545 | 1396 | 1515 |
|            | <b>8</b>   | 2194 | 1755 | 1479 | 1289 | 2142 | 1732 | 1469 | 1286 | 1688 | 1449 | 1278 | 1647 | 1430 | 1271 | 1608 | 1411 | 1264 | 1385 |
|            | <b>9</b>   | 2057 | 1620 | 1352 | 1171 | 2010 | 1600 | 1344 | 1168 | 1562 | 1327 | 1163 | 1526 | 1311 | 1157 | 1492 | 1296 | 1152 | 1273 |
|            | <b>10</b>  | 1934 | 1502 | 1243 | 1071 | 1891 | 1484 | 1236 | 1069 | 1451 | 1222 | 1064 | 1420 | 1209 | 1060 | 1391 | 1196 | 1056 | 1176 |

### Cone of Light

| Mtg Height | Light Level | Beam Diameter |
|------------|-------------|---------------|
| 5.5 ft     | 55.5 fc     | 7.4 ft        |
| 6.5 ft     | 39.7 fc     | 8.7 ft        |
| 7.5 ft     | 29.8 fc     | 10.0 ft       |
| 8.0 ft     | 26.2 fc     | 10.7 ft       |
| 10.0 ft    | 16.8 fc     | 13.4 ft       |
| 12.0 ft    | 11.7 fc     | 16.0 ft       |
| 14.0 ft    | 8.6 fc      | 18.7 ft       |
| 16.0 ft    | 6.6 fc      | 21.4 ft       |
| 20.0 ft    | 4.2 fc      | 26.7 ft       |
| 24.0 ft    | 2.9 fc      | 32.1 ft       |
| 28.0 ft    | 2.1 fc      | 37.4 ft       |

### Average Luminaire Luminance [cd/m²]

|               | 0.00° | 45.00° | 90.00° |
|---------------|-------|--------|--------|
| <b>0.00°</b>  | 30107 | 30107  | 30107  |
| <b>45.00°</b> | 18773 | 26607  | 22657  |
| <b>55.00°</b> | 14196 | 21024  | 18281  |
| <b>65.00°</b> | 11163 | 15899  | 13731  |
| <b>75.00°</b> | 7451  | 9968   | 8971   |
| <b>85.00°</b> | 2675  | 3519   | 4683   |

### UGR CIE 190:2010

|                            |            |                         |            |            |            |            |                       |            |            |            |            |
|----------------------------|------------|-------------------------|------------|------------|------------|------------|-----------------------|------------|------------|------------|------------|
| <b>Ceiling reflectance</b> |            | <b>0.7</b>              | <b>0.7</b> | <b>0.5</b> | <b>0.5</b> | <b>0.3</b> | <b>0.7</b>            | <b>0.7</b> | <b>0.5</b> | <b>0.5</b> | <b>0.3</b> |
| <b>Wall reflectance</b>    |            | <b>0.5</b>              | <b>0.3</b> | <b>0.5</b> | <b>0.3</b> | <b>0.3</b> | <b>0.5</b>            | <b>0.3</b> | <b>0.5</b> | <b>0.3</b> | <b>0.3</b> |
| <b>Plane reflectance</b>   |            | <b>0.2</b>              | <b>0.2</b> | <b>0.2</b> | <b>0.2</b> | <b>0.2</b> | <b>0.2</b>            | <b>0.2</b> | <b>0.2</b> | <b>0.2</b> | <b>0.2</b> |
| <b>Room dimensions</b>     |            | <b>Viewed crosswise</b> |            |            |            |            | <b>Viewed endwise</b> |            |            |            |            |
| <b>2H</b>                  | <b>2H</b>  | 20.8                    | 22.3       | 21.2       | 22.7       | 23.0       | 19.9                  | 21.5       | 20.3       | 21.8       | 22.1       |
|                            | <b>3H</b>  | 22.0                    | 23.4       | 22.4       | 23.7       | 24.1       | 21.5                  | 22.9       | 21.9       | 23.2       | 23.6       |
|                            | <b>4H</b>  | 22.4                    | 23.6       | 22.8       | 24.0       | 24.4       | 22.1                  | 23.3       | 22.5       | 23.7       | 24.1       |
|                            | <b>6H</b>  | 22.5                    | 23.7       | 22.9       | 24.0       | 24.4       | 22.3                  | 23.5       | 22.7       | 23.9       | 24.3       |
|                            | <b>8H</b>  | 22.5                    | 23.6       | 22.9       | 24.0       | 24.4       | 22.4                  | 23.5       | 22.8       | 23.9       | 24.3       |
|                            | <b>12H</b> | 22.5                    | 23.6       | 22.9       | 23.9       | 24.4       | 22.4                  | 23.5       | 22.8       | 23.9       | 24.3       |
| <b>4H</b>                  | <b>2H</b>  | 21.7                    | 23.0       | 22.1       | 23.4       | 23.7       | 20.4                  | 21.6       | 20.8       | 22.0       | 22.4       |
|                            | <b>3H</b>  | 23.1                    | 24.1       | 23.5       | 24.5       | 24.9       | 22.1                  | 23.2       | 22.5       | 23.6       | 24.0       |
|                            | <b>4H</b>  | 23.5                    | 24.4       | 23.9       | 24.8       | 25.3       | 22.7                  | 23.7       | 23.2       | 24.1       | 24.5       |
|                            | <b>6H</b>  | 23.7                    | 24.5       | 24.1       | 24.9       | 25.4       | 23.1                  | 23.9       | 23.5       | 24.4       | 24.8       |
|                            | <b>8H</b>  | 23.7                    | 24.4       | 24.1       | 24.9       | 25.4       | 23.2                  | 23.9       | 23.6       | 24.4       | 24.8       |
|                            | <b>12H</b> | 23.7                    | 24.4       | 24.1       | 24.8       | 25.3       | 23.2                  | 23.9       | 23.7       | 24.4       | 24.8       |
| <b>8H</b>                  | <b>4H</b>  | 23.8                    | 24.6       | 24.3       | 25.0       | 25.5       | 22.9                  | 23.7       | 23.4       | 24.2       | 24.6       |
|                            | <b>6H</b>  | 24.0                    | 24.7       | 24.5       | 25.2       | 25.6       | 23.3                  | 24.0       | 23.8       | 24.5       | 24.9       |
|                            | <b>8H</b>  | 24.1                    | 24.6       | 24.6       | 25.2       | 25.6       | 23.4                  | 24.0       | 24.0       | 24.5       | 25.0       |
|                            | <b>12H</b> | 24.1                    | 24.6       | 24.6       | 25.1       | 25.7       | 23.5                  | 24.0       | 24.0       | 24.5       | 25.1       |
| <b>12H</b>                 | <b>4H</b>  | 23.8                    | 24.5       | 24.3       | 25.0       | 25.4       | 22.9                  | 23.6       | 23.4       | 24.1       | 24.6       |
|                            | <b>6H</b>  | 24.1                    | 24.6       | 24.6       | 25.1       | 25.6       | 23.4                  | 23.9       | 23.9       | 24.4       | 24.9       |
|                            | <b>8H</b>  | 24.1                    | 24.6       | 24.6       | 25.1       | 25.7       | 23.5                  | 24.0       | 24.0       | 24.5       | 25.1       |

Corrected UGR values based on total output energy  
 SHR = 1.0

Corrected UGR values based on total output lumens

SHR = 1.0