

Indoor Distribution Test Report

Spectrum Lighting Inc.

994 Jefferson Street
Fall River, MA 02721
+1.508.678.2303

Spectrum Lighting Photometric Lab

Luminaire

STL4 - 40L - 40HK - NF - xx - xx - MW

Track light for accent, display and general illumination.

Test Number

STL4-14

Test Date

2/18/25

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

Summary of Results

Power

| | |
|-------------|---------|
| Input Watts | 39.89 W |
|-------------|---------|

Lumen Output

| | |
|---------------|------------|
| Output Lumens | 3461 |
| Efficacy | 86.77 lm/W |

Luminous Dimensions

| | |
|-----------------|-----|
| 0° - 180° Size | 0.1 |
| 90° - 270° Size | 3.7 |
| Height | 0.1 |

Spacing Criterion

| | |
|---------------------------|------|
| Two luminaires, plane 0° | 0.58 |
| Two luminaires, plane 90° | 1.14 |
| Four luminaires | 0.8 |

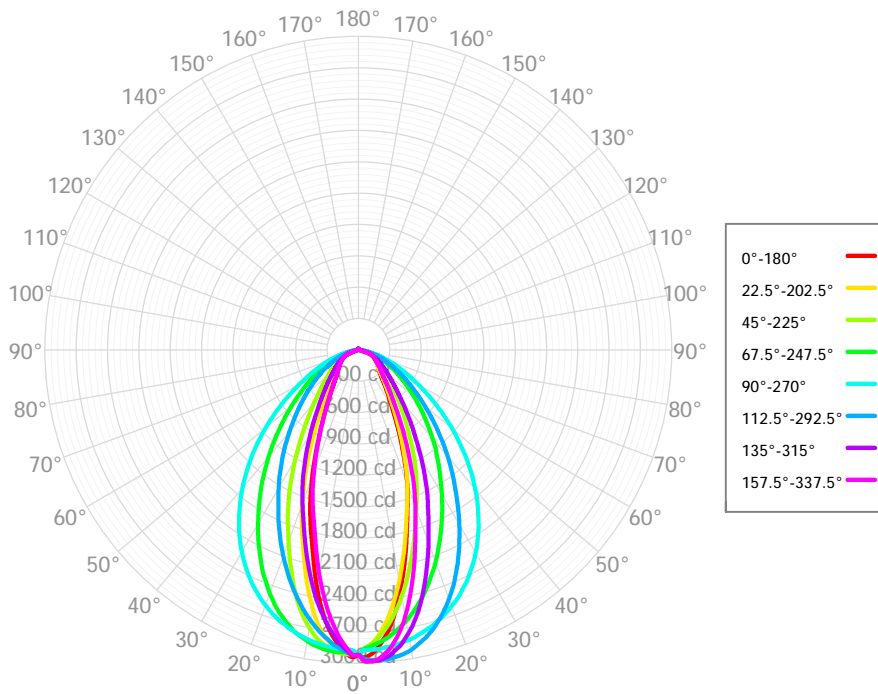
Full Beam Angle

| | |
|------------|-----|
| 0° - 180° | 36° |
| 90° - 270° | 89° |

IES File Header Contents

| Keyword | Value |
|-----------|---|
| TEST | STL4-14 |
| TESTLAB | Spectrum Lighting Photometric Lab. |
| MANUFAC | Spectrum Lighting |
| TESTDATE | 2/18/25 |
| ISSUEDATE | 2/18/25 |
| LUMCAT | STL4 - 40L - 40HK - NF - xx - xx - MW |
| LUMINAIRE | Track light for accent, display and general illumination. |

Candela Polar Plot



Zonal Lumen Summary

| Zone | Lumens | % Fixture | Zone | Lumens | % Fixture |
|-----------------|---------|-----------|-------------------|---------|-----------|
| 0.00° - 10.00° | 261.48 | 7.55% | 90.00° - 100.00° | 7.18 | 0.21% |
| 10.00° - 20.00° | 618.24 | 17.86% | 100.00° - 110.00° | 7.08 | 0.20% |
| 20.00° - 30.00° | 707.37 | 20.44% | 100.00° - 120.00° | 13.91 | 0.40% |
| 30.00° - 40.00° | 627.02 | 18.12% | 120.00° - 130.00° | 6.45 | 0.19% |
| 40.00° - 50.00° | 498.37 | 14.40% | 130.00° - 140.00° | 5.91 | 0.17% |
| 50.00° - 60.00° | 362.55 | 10.47% | 140.00° - 150.00° | 4.93 | 0.14% |
| 60.00° - 70.00° | 231.96 | 6.70% | 150.00° - 160.00° | 3.82 | 0.11% |
| 70.00° - 80.00° | 91.91 | 2.66% | 160.00° - 170.00° | 2.46 | 0.07% |
| 80.00° - 90.00° | 16.70 | 0.48% | 170.00° - 180.00° | 0.88 | 0.03% |
| 0.00° - 90.00° | 3415.59 | 98.68% | 0.00° - 180.00° | 3461.13 | 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° | 2918.13 | 2918.13 | 2918.13 | 2918.13 | 2918.13 | 2918.13 | 2918.13 | 2918.13 | 2918.13 | 2918.13 | 2918.13 | 2918.13 | 2918.13 | 2918.13 | 2918.13 | 2918.13 | 2918.13 |
| 1.00° | 2946.18 | 2880.93 | 2863.07 | 2863.30 | 2874.67 | 2919.83 | 2924.52 | 2918.63 | 2941.73 | 2914.25 | 2902.98 | 2887.41 | 2876.19 | 2955.70 | 2974.14 | 2978.14 | 2946.18 |
| 2.00° | 2927.75 | 2848.96 | 2834.09 | 2846.22 | 2875.11 | 2901.35 | 2886.07 | 2867.63 | 2919.23 | 2915.16 | 2912.29 | 2893.20 | 2875.48 | 2967.42 | 2981.77 | 2982.86 | 2927.75 |
| 3.00° | 2893.60 | 2799.93 | 2797.15 | 2829.28 | 2870.52 | 2875.44 | 2843.95 | 2808.54 | 2877.05 | 2904.64 | 2909.81 | 2893.88 | 2872.30 | 2972.17 | 2981.64 | 2978.85 | 2893.60 |
| 4.00° | 2840.01 | 2741.27 | 2757.59 | 2809.53 | 2869.52 | 2852.19 | 2792.95 | 2739.98 | 2823.14 | 2881.52 | 2903.69 | 2896.63 | 2867.09 | 2974.78 | 2973.45 | 2956.10 | 2840.01 |
| 5.00° | 2778.44 | 2674.91 | 2709.33 | 2786.65 | 2859.02 | 2824.47 | 2734.47 | 2656.31 | 2757.13 | 2846.76 | 2885.44 | 2894.35 | 2859.12 | 2973.25 | 2956.96 | 2920.59 | 2778.44 |
| 6.00° | 2710.39 | 2608.29 | 2658.82 | 2761.63 | 2855.51 | 2786.08 | 2672.62 | 2570.32 | 2686.78 | 2795.91 | 2861.86 | 2888.36 | 2852.48 | 2968.69 | 2935.63 | 2875.66 | 2710.39 |
| 7.00° | 2627.22 | 2520.91 | 2598.88 | 2734.19 | 2847.20 | 2753.60 | 2605.97 | 2476.88 | 2604.01 | 2745.63 | 2830.43 | 2876.12 | 2844.31 | 2958.04 | 2896.24 | 2817.59 | 2627.22 |
| 8.00° | 2535.45 | 2436.59 | 2533.74 | 2701.02 | 2837.48 | 2714.24 | 2534.57 | 2375.26 | 2507.33 | 2677.81 | 2795.62 | 2863.30 | 2834.07 | 2948.52 | 2861.64 | 2750.36 | 2535.45 |
| 9.00° | 2437.31 | 2344.31 | 2468.36 | 2669.05 | 2824.24 | 2672.56 | 2460.71 | 2271.95 | 2404.49 | 2603.92 | 2751.23 | 2849.79 | 2824.71 | 2933.69 | 2809.11 | 2676.44 | 2437.31 |
| 10.00° | 2328.27 | 2249.79 | 2390.61 | 2635.57 | 2816.38 | 2628.78 | 2383.50 | 2167.11 | 2292.73 | 2514.20 | 2699.21 | 2827.85 | 2809.66 | 2915.60 | 2754.69 | 2586.97 | 2328.27 |
| 11.00° | 2219.33 | 2149.53 | 2319.98 | 2594.93 | 2803.62 | 2585.66 | 2297.74 | 2054.29 | 2179.28 | 2421.11 | 2646.38 | 2805.62 | 2794.74 | 2888.35 | 2696.95 | 2492.15 | 2219.33 |
| 12.00° | 2113.31 | 2051.28 | 2240.44 | 2554.54 | 2784.66 | 2536.43 | 2211.38 | 1943.94 | 2062.21 | 2325.43 | 2583.39 | 2783.96 | 2782.10 | 2859.00 | 2629.58 | 2391.42 | 2113.31 |
| 13.00° | 2005.25 | 1957.01 | 2161.14 | 2511.43 | 2768.08 | 2484.75 | 2122.97 | 1836.70 | 1951.36 | 2224.27 | 2517.60 | 2757.08 | 2760.88 | 2833.52 | 2559.18 | 2286.48 | 2005.25 |
| 14.00° | 1899.49 | 1856.28 | 2079.98 | 2466.09 | 2750.22 | 2432.61 | 2036.45 | 1741.18 | 1850.96 | 2119.12 | 2445.69 | 2721.70 | 2746.15 | 2799.58 | 2480.39 | 2183.28 | 1899.49 |
| 15.00° | 1791.00 | 1760.72 | 2003.10 | 2422.26 | 2735.02 | 2382.33 | 1947.52 | 1656.67 | 1761.09 | 2019.13 | 2364.55 | 2688.42 | 2721.48 | 2764.87 | 2396.22 | 2078.27 | 1791.00 |
| 16.00° | 1697.99 | 1671.29 | 1923.57 | 2368.79 | 2709.36 | 2325.94 | 1862.47 | 1576.27 | 1667.21 | 1925.35 | 2283.07 | 2651.47 | 2704.21 | 2724.25 | 2310.13 | 1968.38 | 1697.99 |
| 17.00° | 1606.71 | 1590.32 | 1842.53 | 2319.01 | 2688.32 | 2272.68 | 1781.30 | 1494.37 | 1576.88 | 1839.31 | 2196.99 | 2614.47 | 2679.32 | 2680.50 | 2224.37 | 1866.97 | 1606.71 |
| 18.00° | 1529.13 | 1517.36 | 1769.02 | 2264.42 | 2664.41 | 2211.83 | 1702.30 | 1412.88 | 1480.71 | 1750.86 | 2116.19 | 2574.12 | 2656.33 | 2634.50 | 2136.34 | 1767.23 | 1529.13 |
| 19.00° | 1454.36 | 1445.73 | 1692.00 | 2216.07 | 2637.82 | 2156.57 | 1631.51 | 1325.91 | 1380.43 | 1664.22 | 2033.12 | 2523.01 | 2627.59 | 2588.36 | 2051.08 | 1679.18 | 1454.36 |
| 20.00° | 1371.49 | 1375.34 | 1619.69 | 2161.88 | 2609.06 | 2099.40 | 1561.18 | 1237.05 | 1289.47 | 1576.51 | 1952.11 | 2479.25 | 2598.96 | 2536.50 | 1963.57 | 1597.62 | 1371.49 |
| 21.00° | 1287.54 | 1300.95 | 1554.05 | 2106.93 | 2582.58 | 2038.74 | 1490.67 | 1158.60 | 1196.40 | 1478.13 | 1871.65 | 2426.06 | 2572.51 | 2482.93 | 1877.80 | 1510.77 | 1287.54 |
| 22.00° | 1201.60 | 1223.13 | 1486.38 | 2045.05 | 2552.81 | 1983.14 | 1426.28 | 1075.98 | 1101.60 | 1382.97 | 1800.14 | 2374.29 | 2537.76 | 2430.37 | 1790.30 | 1428.86 | 1201.60 |
| 23.00° | 1115.68 | 1143.76 | 1431.06 | 1990.26 | 2518.34 | 1921.75 | 1358.64 | 996.81 | 1018.18 | 1299.18 | 1727.11 | 2328.51 | 2505.10 | 2369.17 | 1714.30 | 1342.44 | 1115.68 |
| 24.00° | 1036.43 | 1068.84 | 1365.78 | 1933.84 | 2481.47 | 1862.98 | 1290.46 | 923.06 | 938.25 | 1209.76 | 1650.18 | 2269.60 | 2471.32 | 2309.04 | 1635.48 | 1250.36 | 1036.43 |
| 25.00° | 963.16 | 1001.06 | 1306.35 | 1877.13 | 2450.13 | 1806.89 | 1217.90 | 856.51 | 869.33 | 1125.21 | 1574.70 | 2211.17 | 2435.70 | 2250.19 | 1569.97 | 1166.14 | 963.16 |
| 26.00° | 893.97 | 937.38 | 1243.29 | 1821.16 | 2409.56 | 1744.22 | 1152.04 | 796.29 | 800.35 | 1046.41 | 1502.78 | 2153.31 | 2396.42 | 2185.29 | 1499.58 | 1089.18 | 893.97 |
| 27.00° | 825.16 | 870.48 | 1184.16 | 1765.14 | 2370.15 | 1687.10 | 1089.22 | 736.41 | 738.41 | 973.70 | 1422.37 | 2096.86 | 2357.12 | 2125.51 | 1421.44 | 1019.61 | 825.16 |
| 28.00° | 764.08 | 809.87 | 1118.38 | 1710.62 | 2329.44 | 1631.02 | 1025.46 | 681.60 | 686.16 | 903.35 | 1346.01 | 2039.83 | 2315.03 | 2058.77 | 1350.27 | 942.99 | 764.08 |
| 29.00° | 708.75 | 752.82 | 1057.68 | 1652.26 | 2290.21 | 1577.21 | 960.47 | 635.70 | 634.78 | 837.87 | 1275.87 | 1980.38 | 2274.15 | 1996.30 | 1279.33 | 880.74 | 708.75 |
| 30.00° | 657.10 | 702.67 | 1002.00 | 1598.93 | 2243.80 | 1524.29 | 908.24 | 594.62 | 589.25 | 778.92 | 1206.60 | 1918.88 | 2228.99 | 1932.72 | 1210.20 | 815.03 | 657.10 |
| 31.00° | 609.53 | 653.45 | 944.20 | 1543.81 | 2201.95 | 1472.79 | 851.88 | 555.43 | 549.56 | 722.95 | 1134.85 | 1857.58 | 2185.76 | 1870.80 | 1138.33 | 759.04 | 609.53 |
| 32.00° | 569.43 | 610.41 | 891.56 | 1489.62 | 2152.17 | 1421.43 | 804.21 | 520.30 | 512.75 | 675.10 | 1067.84 | 1798.58 | 2138.76 | 1803.45 | 1071.66 | 704.84 | 569.43 |
| 33.00° | 533.63 | 569.62 | 843.69 | 1437.89 | 2105.20 | 1366.09 | 753.11 | 485.49 | 480.31 | 625.59 | 1004.72 | 1739.53 | 2092.02 | 1741.15 | 1007.24 | 654.30 | 533.63 |
| 34.00° | 504.68 | 538.38 | 797.57 | 1388.58 | 2058.26 | 1314.78 | 707.06 | 458.39 | 448.57 | 583.90 | 944.89 | 1681.92 | 2040.23 | 1677.91 | 950.84 | 612.23 | 504.68 |
| 35.00° | 469.24 | 504.65 | 755.03 | 1340.30 | 2005.27 | 1269.32 | 661.77 | 431.23 | 422.33 | 542.92 | 889.58 | 1623.82 | 1991.29 | 1615.74 | 897.56 | 569.72 | 469.24 |
| 36.00° | 445.61 | 474.12 | 708.38 | 1289.03 | 1951.84 | 1217.73 | 629.07 | 407.10 | 397.37 | 509.61 | 834.60 | 1566.78 | 1938.84 | 1558.50 | 844.31 | 537.29 | 445.61 |
| 37.00° | 417.54 | 450.06 | 668.46 | 1242.10 | 1900.80 | 1171.90 | 590.10 | 384.98 | 376.04 | 479.54 | 781.62 | 1506.95 | 1884.46 | 1500.52 | 792.99 | 502.71 | 417.54 |
| 38.00° | 390.70 | 420.41 | 630.20 | 1203.23 | 1851.57 | 1119.21 | 558.86 | 365.27 | 358.25 | 450.84 | 738.28 | 1446.99 | 1833.39 | 1442.76 | 744.38 | 474.77 | 390.70 |
| 39.00° | 369.05 | 398.63 | 591.96 | 1152.62 | 1797.09 | 1071.55 | 526.34 | 347.49 | 342.13 | 421.64 | 693.81 | 1388.81 | 1779.27 | 1386.74 | 703.22 | 444.94 | 369.05 |
| 40.00° | 351.57 | 376.83 | 561.11 | 1104.60 | 1740.53 | 1025.93 | 498.73 | 334.83 | 323.05 | 397.12 | 651.06 | 1337.19 | 1724.00 | 1330.13 | 658.21 | 418.08 | 351.57 |
| 41.00° | 331.26 | 356.89 | 527.31 | 1056.51 | 1683.85 | 982.47 | 472.75 | 317.86 | 318.23 | 373.99 | 614.28 | 1279.60 | 1668.46 | 1273.19 | 620.26 | 396.35 | 331.26 |
| 42.00° | 319.02 | 338.64 | 502.72 | 1011.63 | 1632.70 | 934.58 | 449.18 | 305.69 | 304.61 | 359.46 | 578.07 | 1226.91 | 1610.05 | 1219.58 | 583.89 | 375.67 | 319.02 |
| 43.00° | 302.38 | 321.70 | 472.47 | 968.27 | 1574.20 | 898.61 | 428.97 | 294.31 | 293.48 | 340.32 | 546.84 | 1169.96 | 1556.46 | 1164.99 | 552.45 | 352.17 | 302.38 |

Coefficients of Utilization – Zonal Cavity Method

Values are lumens delivered to the workplane.

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| RCR | pfc | 20% | 20% | 20% | 20% | 20% | 20% | 20% | 20% | 20% | 20% | 20% | 20% | 20% | 20% | 20% | 20% | 20% | 0% |
| | pcc | 80% | 80% | 80% | 80% | 70% | 70% | 70% | 70% | 50% | 50% | 50% | 30% | 30% | 30% | 10% | 10% | 10% | 0% |
| | pw | 70% | 50% | 30% | 10% | 70% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 30% |
| | 0 | 4110 | 4110 | 4110 | 4110 | 4009 | 4009 | 4009 | 4009 | 3820 | 3820 | 3820 | 3648 | 3648 | 3648 | 3490 | 3490 | 3490 | 3416 |
| | 1 | 3840 | 3711 | 3596 | 3492 | 3746 | 3630 | 3526 | 3431 | 3478 | 3394 | 3316 | 3339 | 3271 | 3208 | 3210 | 3156 | 3106 | 3088 |
| | 2 | 3567 | 3340 | 3152 | 2995 | 3479 | 3274 | 3102 | 2956 | 3149 | 3006 | 2883 | 3034 | 2916 | 2812 | 2927 | 2831 | 2745 | 2769 |
| | 3 | 3316 | 3020 | 2791 | 2609 | 3234 | 2965 | 2754 | 2583 | 2861 | 2682 | 2534 | 2765 | 2614 | 2487 | 2676 | 2549 | 2441 | 2494 |
| | 4 | 3088 | 2746 | 2496 | 2304 | 3013 | 2700 | 2467 | 2287 | 2613 | 2412 | 2253 | 2533 | 2360 | 2220 | 2457 | 2310 | 2187 | 2261 |
| | 5 | 2884 | 2511 | 2251 | 2060 | 2815 | 2473 | 2229 | 2047 | 2399 | 2186 | 2023 | 2331 | 2145 | 1999 | 2268 | 2106 | 1976 | 2062 |
| | 6 | 2700 | 2309 | 2047 | 1859 | 2638 | 2277 | 2030 | 1850 | 2214 | 1996 | 1832 | 2156 | 1963 | 1815 | 2102 | 1931 | 1798 | 1893 |
| | 7 | 2535 | 2134 | 1875 | 1693 | 2478 | 2106 | 1861 | 1686 | 2053 | 1833 | 1673 | 2003 | 1806 | 1659 | 1956 | 1781 | 1646 | 1746 |
| | 8 | 2386 | 1982 | 1727 | 1553 | 2335 | 1958 | 1716 | 1547 | 1912 | 1693 | 1537 | 1869 | 1671 | 1526 | 1828 | 1650 | 1516 | 1620 |
| | 9 | 2252 | 1848 | 1600 | 1433 | 2205 | 1827 | 1590 | 1429 | 1787 | 1572 | 1420 | 1750 | 1553 | 1412 | 1715 | 1536 | 1404 | 1509 |
| | 10 | 2131 | 1729 | 1489 | 1330 | 2088 | 1711 | 1481 | 1326 | 1677 | 1465 | 1320 | 1644 | 1450 | 1313 | 1613 | 1435 | 1306 | 1411 |

Cone of Light

| Mtg Height | Light Level | Beam Diameter |
|------------|-------------|---------------|
| 5.5 ft | 96.5 fc | 3.6 ft |
| 6.5 ft | 69.1 fc | 4.3 ft |
| 7.5 ft | 51.9 fc | 4.9 ft |
| 8.0 ft | 45.6 fc | 5.3 ft |
| 10.0 ft | 29.2 fc | 6.6 ft |
| 12.0 ft | 20.3 fc | 7.9 ft |
| 14.0 ft | 14.9 fc | 9.2 ft |
| 16.0 ft | 11.4 fc | 10.5 ft |
| 20.0 ft | 7.3 fc | 13.1 ft |
| 24.0 ft | 5.1 fc | 15.8 ft |
| 28.0 ft | 3.7 fc | 18.4 ft |

Average Luminaire Luminance [cd/m²]

| | 0.00° | 45.00° | 90.00° |
|--------|-------|--------|--------|
| 0.00° | 86626 | 86626 | 86626 |
| 45.00° | 5938 | 10374 | 59706 |
| 55.00° | 4571 | 6578 | 44841 |
| 65.00° | 3942 | 4362 | 30806 |
| 75.00° | 847 | 2073 | 19367 |
| 85.00° | 268 | 315 | 7271 |

UGR CIE 190:2010

| | | | | | | | | | | | |
|---------------------|-----|----------------|------|------|------|------|-----------------|------|------|------|------|
| Ceiling reflectance | | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| Wall reflectance | | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| Plane reflectance | | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Room dimensions | | Viewing C0-180 | | | | | Viewing C90-270 | | | | |
| 2H | 2H | 14.0 | 15.3 | 14.4 | 15.7 | 16.0 | 22.6 | 23.9 | 23.0 | 24.3 | 24.6 |
| | 3H | 15.6 | 16.8 | 16.0 | 17.1 | 17.5 | 23.9 | 25.1 | 24.3 | 25.5 | 25.9 |
| | 4H | 15.6 | 16.7 | 16.0 | 17.1 | 17.5 | 24.4 | 25.5 | 24.8 | 25.9 | 26.3 |
| | 6H | 15.6 | 16.6 | 16.0 | 17.0 | 17.4 | 24.6 | 25.6 | 25.0 | 26.0 | 26.4 |
| | 8H | 15.5 | 16.5 | 16.0 | 16.9 | 17.4 | 24.6 | 25.6 | 25.0 | 26.0 | 26.4 |
| | 12H | 15.5 | 16.4 | 16.0 | 16.9 | 17.3 | 24.6 | 25.5 | 25.0 | 25.9 | 26.4 |
| 4H | 2H | 14.8 | 15.9 | 15.2 | 16.3 | 16.7 | 22.4 | 23.6 | 22.9 | 23.9 | 24.4 |
| | 3H | 16.4 | 17.3 | 16.8 | 17.7 | 18.2 | 23.9 | 24.8 | 24.3 | 25.3 | 25.7 |
| | 4H | 16.5 | 17.3 | 16.9 | 17.7 | 18.2 | 24.4 | 25.2 | 24.8 | 25.6 | 26.1 |
| | 6H | 16.4 | 17.1 | 16.9 | 17.6 | 18.1 | 24.6 | 25.4 | 25.1 | 25.8 | 26.3 |
| | 8H | 16.4 | 17.0 | 16.9 | 17.5 | 18.0 | 24.7 | 25.3 | 25.2 | 25.8 | 26.3 |
| | 12H | 16.3 | 16.9 | 16.9 | 17.4 | 17.9 | 24.7 | 25.3 | 25.2 | 25.8 | 26.3 |
| 8H | 4H | 16.8 | 17.5 | 17.3 | 17.9 | 18.4 | 24.3 | 24.9 | 24.7 | 25.4 | 25.9 |
| | 6H | 16.8 | 17.3 | 17.3 | 17.8 | 18.3 | 24.5 | 25.1 | 25.0 | 25.6 | 26.1 |
| | 8H | 16.7 | 17.2 | 17.3 | 17.7 | 18.3 | 24.6 | 25.1 | 25.1 | 25.6 | 26.1 |
| | 12H | 16.7 | 17.1 | 17.2 | 17.6 | 18.2 | 24.6 | 25.0 | 25.1 | 25.5 | 26.1 |
| 12H | 4H | 16.8 | 17.4 | 17.3 | 17.9 | 18.4 | 24.2 | 24.8 | 24.7 | 25.3 | 25.8 |
| | 6H | 16.8 | 17.3 | 17.3 | 17.8 | 18.3 | 24.5 | 25.0 | 25.0 | 25.5 | 26.0 |
| | 8H | 16.8 | 17.2 | 17.3 | 17.7 | 18.3 | 24.5 | 25.0 | 25.1 | 25.5 | 26.1 |

Corrected UGR values based on total output energy
SHR = 1.0

Corrected UGR values based on total output lumens

SHR = 1.0