



IES INDOOR REPORT

PHOTOMETRIC FILENAME : BX910LED4SAWT40120-277V_P.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 4106
 [TESTLAB] TUV SUD America
 [ISSUEDATE] 5/4/2021 1:47:37 PM
 [MANUFAC] BEGHELLI
 [LUMCAT] BX910LED4SAWT40120-277V_P
 [LUMINAIRE] 7984-1

CHARACTERISTICS

| | |
|---------------------------------|---------------------|
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 1461 |
| Total Luminaire Efficiency | N.A. |
| Luminaire Efficacy Rating (LER) | 146 |
| Total Luminaire Watts | 10 |
| Ballast Factor | 1.00 |
| CIE Type | Direct |
| Spacing Criterion (0-180) | 1.58 |
| Spacing Criterion (90-270) | 1.18 |
| Spacing Criterion (Diagonal) | 1.42 |
| Basic Luminous Shape | Rectangular w/Sides |
| Luminous Length (0-180) | 0.25 ft |
| Luminous Width (90-270) | 3.79 ft |
| Luminous Height | 0.25 ft |

LUMINANCE DATA (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|---------------------|------------------|-------------------|-------------------|
| 45 | 3809 | 3860 | 4828 |
| 55 | 1511 | 2746 | 3751 |
| 65 | 408 | 1303 | 2533 |
| 75 | 99 | 458 | 1422 |
| 85 | 9 | 56 | 437 |

CANDELA TABULATION

| | <u>0</u> | <u>10</u> | <u>20</u> | <u>30</u> | <u>40</u> | <u>50</u> | <u>60</u> | <u>70</u> | <u>80</u> | <u>90</u> |
|--------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 0.0 | 601.075 | 601.075 | 601.075 | 601.075 | 601.075 | 601.075 | 601.075 | 601.075 | 601.075 | 601.075 |
| 2.5 | 601.169 | 600.649 | 600.858 | 601.089 | 599.917 | 600.067 | 603.640 | 603.623 | 602.273 | 602.571 |
| 5.0 | 600.699 | 598.308 | 598.245 | 598.871 | 597.404 | 597.827 | 601.271 | 601.212 | 600.238 | 599.841 |
| 7.5 | 598.428 | 595.970 | 596.172 | 596.669 | 595.071 | 594.664 | 597.060 | 596.479 | 595.812 | 593.965 |
| 10.0 | 595.073 | 593.595 | 593.457 | 592.531 | 590.536 | 589.494 | 592.280 | 591.291 | 590.680 | 589.836 |
| 12.5 | 592.214 | 590.225 | 589.770 | 587.449 | 584.993 | 583.734 | 586.214 | 585.483 | 582.144 | 581.284 |
| 15.0 | 589.803 | 587.318 | 586.314 | 582.824 | 579.456 | 576.346 | 577.807 | 578.227 | 573.623 | 571.402 |
| 17.5 | 587.090 | 584.465 | 581.328 | 576.753 | 572.331 | 568.445 | 565.766 | 566.815 | 562.529 | 560.352 |
| 20.0 | 587.378 | 583.574 | 576.326 | 568.977 | 564.108 | 556.925 | 553.258 | 552.027 | 548.659 | 545.677 |
| 22.5 | 596.642 | 590.122 | 576.851 | 563.032 | 552.666 | 543.135 | 537.905 | 535.793 | 532.176 | 528.685 |
| 25.0 | 605.520 | 597.903 | 581.437 | 561.037 | 540.501 | 526.358 | 519.967 | 516.829 | 511.962 | 509.725 |
| 27.5 | 606.140 | 598.737 | 579.208 | 556.520 | 533.647 | 510.536 | 499.832 | 496.441 | 491.645 | 489.782 |
| 30.0 | 603.734 | 594.169 | 570.609 | 545.013 | 523.884 | 497.806 | 479.393 | 474.505 | 470.559 | 467.140 |
| 32.5 | 603.028 | 590.924 | 561.754 | 530.154 | 508.332 | 484.677 | 463.062 | 453.053 | 447.777 | 445.394 |
| 35.0 | 612.228 | 597.516 | 559.294 | 518.684 | 491.785 | 466.472 | 446.298 | 431.424 | 426.547 | 423.471 |
| 37.5 | 624.701 | 608.726 | 565.394 | 515.038 | 475.139 | 445.676 | 424.487 | 412.059 | 403.206 | 401.979 |
| 40.0 | 608.496 | 597.498 | 568.454 | 517.632 | 462.895 | 424.986 | 401.080 | 389.414 | 378.453 | 377.716 |
| 42.5 | 549.114 | 545.921 | 540.002 | 512.070 | 458.951 | 406.236 | 375.759 | 361.928 | 351.099 | 349.542 |
| 45.0 | 474.576 | 473.929 | 480.977 | 481.538 | 453.233 | 390.253 | 348.856 | 332.961 | 323.144 | 320.661 |
| 47.5 | 401.217 | 402.230 | 413.547 | 429.251 | 429.684 | 376.435 | 322.894 | 305.101 | 295.701 | 292.969 |
| 50.0 | 330.119 | 333.736 | 348.874 | 369.166 | 391.716 | 355.004 | 299.716 | 276.718 | 267.347 | 264.188 |
| 52.5 | 256.266 | 263.453 | 286.362 | 309.375 | 343.478 | 323.545 | 277.344 | 248.602 | 238.896 | 234.924 |
| 55.0 | 185.445 | 193.901 | 224.496 | 254.258 | 289.945 | 286.466 | 250.668 | 221.253 | 211.507 | 207.402 |
| 57.5 | 131.558 | 137.428 | 165.838 | 203.725 | 238.875 | 245.629 | 220.385 | 194.640 | 184.783 | 180.672 |
| 60.0 | 93.254 | 97.753 | 118.474 | 156.148 | 194.275 | 202.756 | 189.838 | 169.701 | 158.548 | 154.591 |
| 62.5 | 66.171 | 69.759 | 84.662 | 114.724 | 155.662 | 163.970 | 158.796 | 144.349 | 133.584 | 130.266 |
| 65.0 | 47.773 | 50.465 | 61.200 | 82.835 | 122.502 | 131.384 | 130.051 | 119.330 | 110.774 | 107.679 |
| 67.5 | 34.320 | 36.482 | 44.346 | 59.693 | 92.993 | 103.505 | 103.768 | 96.511 | 90.008 | 87.181 |
| 70.0 | 24.086 | 25.918 | 31.916 | 43.010 | 68.004 | 80.557 | 81.162 | 76.570 | 71.608 | 69.291 |
| 72.5 | 16.391 | 17.844 | 22.456 | 30.712 | 48.849 | 61.319 | 61.876 | 59.249 | 55.480 | 53.718 |
| 75.0 | 10.658 | 11.760 | 15.420 | 21.443 | 34.393 | 45.243 | 45.784 | 44.636 | 41.628 | 40.420 |
| 77.5 | 6.330 | 7.006 | 9.694 | 14.281 | 23.484 | 32.260 | 32.678 | 32.321 | 29.964 | 29.176 |
| 80.0 | 3.385 | 3.629 | 5.017 | 8.137 | 15.099 | 21.441 | 21.813 | 21.857 | 20.268 | 19.747 |
| 82.5 | 1.811 | 1.851 | 2.254 | 3.396 | 8.172 | 12.541 | 12.993 | 13.238 | 12.267 | 11.937 |
| 85.0 | 0.812 | 0.845 | 0.977 | 1.235 | 2.897 | 5.401 | 6.023 | 6.553 | 6.113 | 5.883 |
| 87.5 | 0.202 | 0.217 | 0.257 | 0.336 | 0.776 | 1.194 | 1.461 | 1.951 | 1.974 | 1.828 |
| 90.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 92.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 95.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 97.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 102.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 105.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 107.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 110.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 112.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 115.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 117.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 120.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 122.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 125.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 127.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 130.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 132.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

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CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 135.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 137.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 140.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 142.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 145.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 147.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 150.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 152.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 155.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 157.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 160.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 162.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 165.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 170.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 172.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 175.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 177.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 180.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

**Vert.
Angles**

Horizontal Angles

| | <u>100</u> | <u>110</u> | <u>120</u> | <u>130</u> | <u>140</u> | <u>150</u> | <u>160</u> | <u>170</u> | <u>180</u> | <u>190</u> |
|------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 0.0 | 601.075 | 601.075 | 601.075 | 601.075 | 601.075 | 601.075 | 601.075 | 601.075 | 601.075 | 601.075 |
| 2.5 | 602.348 | 603.552 | 603.093 | 598.241 | 596.997 | 599.288 | 598.790 | 598.902 | 600.737 | 598.902 |
| 5.0 | 598.606 | 600.597 | 600.664 | 595.169 | 594.200 | 597.596 | 596.483 | 596.652 | 599.228 | 596.652 |
| 7.5 | 594.263 | 595.795 | 596.319 | 590.905 | 591.016 | 595.920 | 594.858 | 595.187 | 597.517 | 595.187 |
| 10.0 | 589.561 | 590.029 | 589.860 | 585.974 | 586.650 | 591.809 | 591.345 | 592.341 | 593.944 | 592.341 |
| 12.5 | 581.522 | 583.394 | 584.016 | 580.412 | 580.965 | 587.011 | 588.115 | 590.029 | 591.099 | 590.029 |
| 15.0 | 572.116 | 574.078 | 576.044 | 573.519 | 575.192 | 583.123 | 585.107 | 587.351 | 588.415 | 587.351 |
| 17.5 | 560.237 | 562.840 | 564.509 | 564.298 | 568.316 | 578.628 | 581.457 | 584.700 | 586.044 | 584.700 |
| 20.0 | 546.108 | 550.316 | 551.837 | 552.780 | 558.780 | 571.104 | 577.851 | 584.104 | 586.570 | 584.104 |
| 22.5 | 529.461 | 534.012 | 535.409 | 538.103 | 545.904 | 564.125 | 580.178 | 592.812 | 599.153 | 592.812 |
| 25.0 | 510.492 | 513.706 | 518.173 | 520.262 | 536.200 | 564.407 | 588.973 | 608.139 | 615.012 | 608.139 |
| 27.5 | 489.508 | 493.690 | 497.439 | 504.818 | 533.180 | 565.235 | 592.143 | 614.667 | 622.790 | 614.667 |
| 30.0 | 467.558 | 472.086 | 477.552 | 494.749 | 524.488 | 558.315 | 588.574 | 614.118 | 624.660 | 614.118 |
| 32.5 | 446.477 | 450.027 | 461.518 | 484.399 | 511.317 | 548.365 | 583.836 | 616.639 | 628.508 | 616.639 |
| 35.0 | 425.316 | 430.333 | 446.486 | 468.042 | 496.929 | 540.367 | 585.709 | 628.341 | 645.523 | 628.341 |
| 37.5 | 402.173 | 410.152 | 428.496 | 449.207 | 484.931 | 540.092 | 599.499 | 646.650 | 663.531 | 646.650 |
| 40.0 | 377.174 | 388.113 | 406.042 | 429.786 | 478.543 | 546.156 | 601.843 | 632.406 | 639.036 | 632.406 |
| 42.5 | 350.227 | 362.104 | 381.193 | 413.136 | 474.758 | 540.912 | 565.440 | 574.410 | 572.627 | 574.410 |
| 45.0 | 322.988 | 333.846 | 354.933 | 398.540 | 464.141 | 504.789 | 499.465 | 498.728 | 494.433 | 498.728 |
| 47.5 | 295.025 | 305.522 | 329.676 | 381.610 | 435.018 | 446.575 | 428.703 | 424.950 | 421.196 | 424.950 |
| 50.0 | 266.427 | 277.778 | 306.346 | 358.191 | 385.117 | 382.952 | 363.479 | 355.932 | 350.609 | 355.932 |
| 52.5 | 238.472 | 249.679 | 282.611 | 328.483 | 328.199 | 322.677 | 301.144 | 284.569 | 274.499 | 284.569 |
| 55.0 | 211.048 | 222.766 | 255.320 | 289.321 | 273.381 | 268.028 | 236.412 | 212.928 | 202.176 | 212.928 |
| 57.5 | 184.249 | 196.733 | 225.237 | 243.439 | 225.554 | 215.520 | 175.674 | 152.694 | 142.980 | 152.694 |
| 60.0 | 157.989 | 171.174 | 197.002 | 199.098 | 183.201 | 164.419 | 126.651 | 108.847 | 102.622 | 108.847 |
| 62.5 | 133.200 | 145.640 | 167.370 | 160.364 | 145.745 | 120.735 | 90.933 | 79.473 | 75.508 | 79.473 |
| 65.0 | 110.682 | 120.603 | 136.608 | 128.415 | 111.444 | 87.759 | 66.770 | 58.802 | 56.006 | 58.802 |
| 67.5 | 89.954 | 97.809 | 107.964 | 101.748 | 82.439 | 63.729 | 49.597 | 43.363 | 41.388 | 43.363 |
| 70.0 | 71.604 | 77.595 | 84.282 | 78.664 | 59.960 | 46.733 | 36.651 | 31.722 | 30.029 | 31.722 |
| 72.5 | 55.308 | 60.244 | 64.355 | 59.209 | 43.039 | 34.222 | 26.663 | 22.756 | 21.199 | 22.756 |
| 75.0 | 41.593 | 45.285 | 47.992 | 43.388 | 30.205 | 24.622 | 18.870 | 15.875 | 14.596 | 15.875 |
| 77.5 | 30.029 | 32.767 | 34.366 | 30.457 | 20.544 | 17.057 | 12.851 | 10.573 | 9.606 | 10.573 |
| 80.0 | 20.269 | 22.124 | 22.992 | 19.943 | 13.027 | 10.919 | 7.647 | 6.035 | 5.251 | 6.035 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BX910LED4SAWT40120-277V_P.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 82.5 | 12.294 | 13.430 | 13.908 | 11.418 | 6.785 | 5.430 | 3.565 | 2.836 | 2.550 | 2.836 |
| 85.0 | 6.094 | 6.645 | 6.695 | 4.714 | 2.189 | 1.966 | 1.432 | 1.300 | 1.181 | 1.300 |
| 87.5 | 1.981 | 2.029 | 1.757 | 1.054 | 0.507 | 0.570 | 0.457 | 0.420 | 0.344 | 0.420 |
| 90.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 92.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 95.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 97.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 102.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 105.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 107.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 110.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 112.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 115.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 117.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 120.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 122.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 125.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 127.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 130.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 132.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 135.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 137.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 140.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 142.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 145.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 147.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 150.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 152.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 155.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 157.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 160.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 162.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 165.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 170.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 172.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 175.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 177.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 180.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

**Vert.
Angles**

Horizontal Angles

| | <u>200</u> | <u>210</u> | <u>220</u> | <u>230</u> | <u>240</u> | <u>250</u> | <u>260</u> | <u>270</u> | <u>280</u> | <u>290</u> |
|------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 0.0 | 601.075 | 601.075 | 601.075 | 601.075 | 601.075 | 601.075 | 601.075 | 601.075 | 601.075 | 601.075 |
| 2.5 | 598.790 | 599.288 | 596.997 | 598.241 | 603.093 | 603.552 | 602.348 | 602.571 | 602.273 | 603.623 |
| 5.0 | 596.483 | 597.596 | 594.200 | 595.169 | 600.664 | 600.597 | 598.606 | 599.841 | 600.238 | 601.212 |
| 7.5 | 594.858 | 595.920 | 591.016 | 590.905 | 596.319 | 595.795 | 594.263 | 593.965 | 595.812 | 596.479 |
| 10.0 | 591.345 | 591.809 | 586.650 | 585.974 | 589.860 | 590.029 | 589.561 | 589.836 | 590.680 | 591.291 |
| 12.5 | 588.115 | 587.011 | 580.965 | 580.412 | 584.016 | 583.394 | 581.522 | 581.284 | 582.144 | 585.483 |
| 15.0 | 585.107 | 583.123 | 575.192 | 573.519 | 576.044 | 574.078 | 572.116 | 571.402 | 573.623 | 578.227 |
| 17.5 | 581.457 | 578.628 | 568.316 | 564.298 | 564.509 | 562.840 | 560.237 | 560.352 | 562.529 | 566.815 |
| 20.0 | 577.851 | 571.104 | 558.780 | 552.780 | 551.837 | 550.316 | 546.108 | 545.677 | 548.659 | 552.027 |
| 22.5 | 580.178 | 564.125 | 545.904 | 538.103 | 535.409 | 534.012 | 529.461 | 528.685 | 532.176 | 535.793 |
| 25.0 | 588.973 | 564.407 | 536.200 | 520.262 | 518.173 | 513.706 | 510.492 | 509.725 | 511.962 | 516.829 |
| 27.5 | 592.143 | 565.235 | 533.180 | 504.818 | 497.439 | 493.690 | 489.508 | 489.782 | 491.645 | 496.441 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BX910LED4SAWT40120-277V_P.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 30.0 | 588.574 | 558.315 | 524.488 | 494.749 | 477.552 | 472.086 | 467.558 | 467.140 | 470.559 | 474.505 |
| 32.5 | 583.836 | 548.365 | 511.317 | 484.399 | 461.518 | 450.027 | 446.477 | 445.394 | 447.777 | 453.053 |
| 35.0 | 585.709 | 540.367 | 496.929 | 468.042 | 446.486 | 430.333 | 425.316 | 423.471 | 426.547 | 431.424 |
| 37.5 | 599.499 | 540.092 | 484.931 | 449.207 | 428.496 | 410.152 | 402.173 | 401.979 | 403.206 | 412.059 |
| 40.0 | 601.843 | 546.156 | 478.543 | 429.786 | 406.042 | 388.113 | 377.174 | 377.716 | 378.453 | 389.414 |
| 42.5 | 565.440 | 540.912 | 474.758 | 413.136 | 381.193 | 362.104 | 350.227 | 349.542 | 351.099 | 361.928 |
| 45.0 | 499.465 | 504.789 | 464.141 | 398.540 | 354.933 | 333.846 | 322.988 | 320.661 | 323.144 | 332.961 |
| 47.5 | 428.703 | 446.575 | 435.018 | 381.610 | 329.676 | 305.522 | 295.025 | 292.969 | 295.701 | 305.101 |
| 50.0 | 363.479 | 382.952 | 385.117 | 358.191 | 306.346 | 277.778 | 266.427 | 264.188 | 267.347 | 276.718 |
| 52.5 | 301.144 | 322.677 | 328.199 | 328.483 | 282.611 | 249.679 | 238.472 | 234.924 | 238.896 | 248.602 |
| 55.0 | 236.412 | 268.028 | 273.381 | 289.321 | 255.320 | 222.766 | 211.048 | 207.402 | 211.507 | 221.253 |
| 57.5 | 175.674 | 215.520 | 225.554 | 243.439 | 225.237 | 196.733 | 184.249 | 180.672 | 184.783 | 194.640 |
| 60.0 | 126.651 | 164.419 | 183.201 | 199.098 | 197.002 | 171.174 | 157.989 | 154.591 | 158.548 | 169.701 |
| 62.5 | 90.933 | 120.735 | 145.745 | 160.364 | 167.370 | 145.640 | 133.200 | 130.266 | 133.584 | 144.349 |
| 65.0 | 66.770 | 87.759 | 111.444 | 128.415 | 136.608 | 120.603 | 110.682 | 107.679 | 110.774 | 119.330 |
| 67.5 | 49.597 | 63.729 | 82.439 | 101.748 | 107.964 | 97.809 | 89.954 | 87.181 | 90.008 | 96.511 |
| 70.0 | 36.651 | 46.733 | 59.960 | 78.664 | 84.282 | 77.595 | 71.604 | 69.291 | 71.608 | 76.570 |
| 72.5 | 26.663 | 34.222 | 43.039 | 59.209 | 64.355 | 60.244 | 55.308 | 53.718 | 55.480 | 59.249 |
| 75.0 | 18.870 | 24.622 | 30.205 | 43.388 | 47.992 | 45.285 | 41.593 | 40.420 | 41.628 | 44.636 |
| 77.5 | 12.851 | 17.057 | 20.544 | 30.457 | 34.366 | 32.767 | 30.029 | 29.176 | 29.964 | 32.321 |
| 80.0 | 7.647 | 10.919 | 13.027 | 19.943 | 22.992 | 22.124 | 20.269 | 19.747 | 20.268 | 21.857 |
| 82.5 | 3.565 | 5.430 | 6.785 | 11.418 | 13.908 | 13.430 | 12.294 | 11.937 | 12.267 | 13.238 |
| 85.0 | 1.432 | 1.966 | 2.189 | 4.714 | 6.695 | 6.645 | 6.094 | 5.883 | 6.113 | 6.553 |
| 87.5 | 0.457 | 0.570 | 0.507 | 1.054 | 1.757 | 2.029 | 1.981 | 1.828 | 1.974 | 1.951 |
| 90.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 92.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 95.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 97.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 102.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 105.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 107.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 110.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 112.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 115.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 117.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 120.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 122.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 125.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 127.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 130.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 132.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 135.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 137.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 140.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 142.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 145.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 147.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 150.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 152.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 155.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 157.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 160.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 162.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 165.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BX910LED4SAWT40120-277V_P.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 170.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 172.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 175.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 177.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 180.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Vert. Horizontal Angles

| | <u>300</u> | <u>310</u> | <u>320</u> | <u>330</u> | <u>340</u> | <u>350</u> | <u>360</u> |
|--------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 0.0 | 601.075 | 601.075 | 601.075 | 601.075 | 601.075 | 601.075 | 601.075 |
| 2.5 | 603.640 | 600.067 | 599.917 | 601.089 | 600.858 | 600.649 | 601.169 |
| 5.0 | 601.271 | 597.827 | 597.404 | 598.871 | 598.245 | 598.308 | 600.699 |
| 7.5 | 597.060 | 594.664 | 595.071 | 596.669 | 596.172 | 595.970 | 598.428 |
| 10.0 | 592.280 | 589.494 | 590.536 | 592.531 | 593.457 | 593.595 | 595.073 |
| 12.5 | 586.214 | 583.734 | 584.993 | 587.449 | 589.770 | 590.225 | 592.214 |
| 15.0 | 577.807 | 576.346 | 579.456 | 582.824 | 586.314 | 587.318 | 589.803 |
| 17.5 | 565.766 | 568.445 | 572.331 | 576.753 | 581.328 | 584.465 | 587.090 |
| 20.0 | 553.258 | 556.925 | 564.108 | 568.977 | 576.326 | 583.574 | 587.378 |
| 22.5 | 537.905 | 543.135 | 552.666 | 563.032 | 576.851 | 590.122 | 596.642 |
| 25.0 | 519.967 | 526.358 | 540.501 | 561.037 | 581.437 | 597.903 | 605.520 |
| 27.5 | 499.832 | 510.536 | 533.647 | 556.520 | 579.208 | 598.737 | 606.140 |
| 30.0 | 479.393 | 497.806 | 523.884 | 545.013 | 570.609 | 594.169 | 603.734 |
| 32.5 | 463.062 | 484.677 | 508.332 | 530.154 | 561.754 | 590.924 | 603.028 |
| 35.0 | 446.298 | 466.472 | 491.785 | 518.684 | 559.294 | 597.516 | 612.228 |
| 37.5 | 424.487 | 445.676 | 475.139 | 515.038 | 565.394 | 608.726 | 624.701 |
| 40.0 | 401.080 | 424.986 | 462.895 | 517.632 | 568.454 | 597.498 | 608.496 |
| 42.5 | 375.759 | 406.236 | 458.951 | 512.070 | 540.002 | 545.921 | 549.114 |
| 45.0 | 348.856 | 390.253 | 453.233 | 481.538 | 480.977 | 473.929 | 474.576 |
| 47.5 | 322.894 | 376.435 | 429.684 | 429.251 | 413.547 | 402.230 | 401.217 |
| 50.0 | 299.716 | 355.004 | 391.716 | 369.166 | 348.874 | 333.736 | 330.119 |
| 52.5 | 277.344 | 323.545 | 343.478 | 309.375 | 286.362 | 263.453 | 256.266 |
| 55.0 | 250.668 | 286.466 | 289.945 | 254.258 | 224.496 | 193.901 | 185.445 |
| 57.5 | 220.385 | 245.629 | 238.875 | 203.725 | 165.838 | 137.428 | 131.558 |
| 60.0 | 189.838 | 202.756 | 194.275 | 156.148 | 118.474 | 97.753 | 93.254 |
| 62.5 | 158.796 | 163.970 | 155.662 | 114.724 | 84.662 | 69.759 | 66.171 |
| 65.0 | 130.051 | 131.384 | 122.502 | 82.835 | 61.200 | 50.465 | 47.773 |
| 67.5 | 103.768 | 103.505 | 92.993 | 59.693 | 44.346 | 36.482 | 34.320 |
| 70.0 | 81.162 | 80.557 | 68.004 | 43.010 | 31.916 | 25.918 | 24.086 |
| 72.5 | 61.876 | 61.319 | 48.849 | 30.712 | 22.456 | 17.844 | 16.391 |
| 75.0 | 45.784 | 45.243 | 34.393 | 21.443 | 15.420 | 11.760 | 10.658 |
| 77.5 | 32.678 | 32.260 | 23.484 | 14.281 | 9.694 | 7.006 | 6.330 |
| 80.0 | 21.813 | 21.441 | 15.099 | 8.137 | 5.017 | 3.629 | 3.385 |
| 82.5 | 12.993 | 12.541 | 8.172 | 3.396 | 2.254 | 1.851 | 1.811 |
| 85.0 | 6.023 | 5.401 | 2.897 | 1.235 | 0.977 | 0.845 | 0.812 |
| 87.5 | 1.461 | 1.194 | 0.776 | 0.336 | 0.257 | 0.217 | 0.202 |
| 90.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 92.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 95.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 97.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 102.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 105.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 107.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 110.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 112.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 115.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BX910LED4SAWT40120-277V_P.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 117.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 120.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 122.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 125.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 127.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 130.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 132.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 135.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 137.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 140.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 142.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 145.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 147.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 150.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 152.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 155.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 157.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 160.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 162.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 165.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 170.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 172.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 175.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 177.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 180.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BX910LED4SAWT40120-277V_P.IES

ZONAL LUMEN SUMMARY

| Zone | Lumens | %Lamp | %Fixt |
|---------|---------|-------|--------|
| 0-20 | 220.43 | N.A. | 15.10 |
| 0-30 | 472.30 | N.A. | 32.30 |
| 0-40 | 786.66 | N.A. | 53.80 |
| 0-60 | 1318.1 | N.A. | 90.20 |
| 0-80 | 1455.35 | N.A. | 99.60 |
| 0-90 | 1460.93 | N.A. | 100.00 |
| 10-90 | 1404.04 | N.A. | 96.10 |
| 20-40 | 566.24 | N.A. | 38.80 |
| 20-50 | 882.93 | N.A. | 60.40 |
| 40-70 | 632.88 | N.A. | 43.30 |
| 60-80 | 137.24 | N.A. | 9.40 |
| 70-80 | 35.80 | N.A. | 2.50 |
| 80-90 | 5.58 | N.A. | 0.40 |
| 90-110 | 0.00 | N.A. | 0.00 |
| 90-120 | 0.00 | N.A. | 0.00 |
| 90-130 | 0.00 | N.A. | 0.00 |
| 90-150 | 0.00 | N.A. | 0.00 |
| 90-180 | 0.00 | N.A. | 0.00 |
| 110-180 | 0.00 | N.A. | 0.00 |
| 0-180 | 1460.93 | N.A. | 100.00 |

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

| Zone | Lumens |
|---------|--------|
| 0-10 | 56.89 |
| 10-20 | 163.54 |
| 20-30 | 251.87 |
| 30-40 | 314.36 |
| 40-50 | 316.69 |
| 50-60 | 214.75 |
| 60-70 | 101.44 |
| 70-80 | 35.80 |
| 80-90 | 5.58 |
| 90-100 | 0.00 |
| 100-110 | 0.00 |
| 110-120 | 0.00 |
| 120-130 | 0.00 |
| 130-140 | 0.00 |
| 140-150 | 0.00 |
| 150-160 | 0.00 |
| 160-170 | 0.00 |
| 170-180 | 0.00 |

IES INDOOR REPORT
 PHOTOMETRIC FILENAME : BX910LED4SAWT40120-277V_P.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

| RC | 80 | | | | 70 | | | | 50 | | | 30 | | | 10 | | | 0 |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |
| 1 | 111 | 107 | 103 | 100 | 108 | 104 | 101 | 98 | 100 | 98 | 95 | 96 | 94 | 92 | 93 | 91 | 90 | 88 |
| 2 | 102 | 95 | 89 | 84 | 99 | 93 | 88 | 83 | 90 | 85 | 81 | 86 | 83 | 79 | 83 | 80 | 78 | 76 |
| 3 | 94 | 85 | 77 | 72 | 91 | 83 | 76 | 71 | 80 | 74 | 70 | 77 | 73 | 69 | 75 | 71 | 67 | 65 |
| 4 | 86 | 76 | 68 | 62 | 84 | 74 | 67 | 61 | 72 | 66 | 60 | 70 | 64 | 60 | 68 | 63 | 59 | 57 |
| 5 | 80 | 68 | 60 | 54 | 78 | 67 | 59 | 53 | 65 | 58 | 53 | 63 | 57 | 52 | 61 | 56 | 52 | 50 |
| 6 | 74 | 62 | 53 | 47 | 72 | 61 | 53 | 47 | 59 | 52 | 47 | 57 | 51 | 46 | 56 | 50 | 46 | 44 |
| 7 | 69 | 56 | 48 | 42 | 67 | 55 | 47 | 42 | 54 | 47 | 42 | 52 | 46 | 41 | 51 | 45 | 41 | 39 |
| 8 | 64 | 51 | 43 | 38 | 62 | 50 | 43 | 37 | 49 | 42 | 37 | 48 | 42 | 37 | 47 | 41 | 37 | 35 |
| 9 | 60 | 47 | 39 | 34 | 58 | 46 | 39 | 34 | 45 | 38 | 34 | 44 | 38 | 33 | 43 | 38 | 33 | 32 |
| 10 | 56 | 43 | 36 | 31 | 55 | 43 | 36 | 31 | 42 | 35 | 31 | 41 | 35 | 30 | 40 | 34 | 30 | 29 |

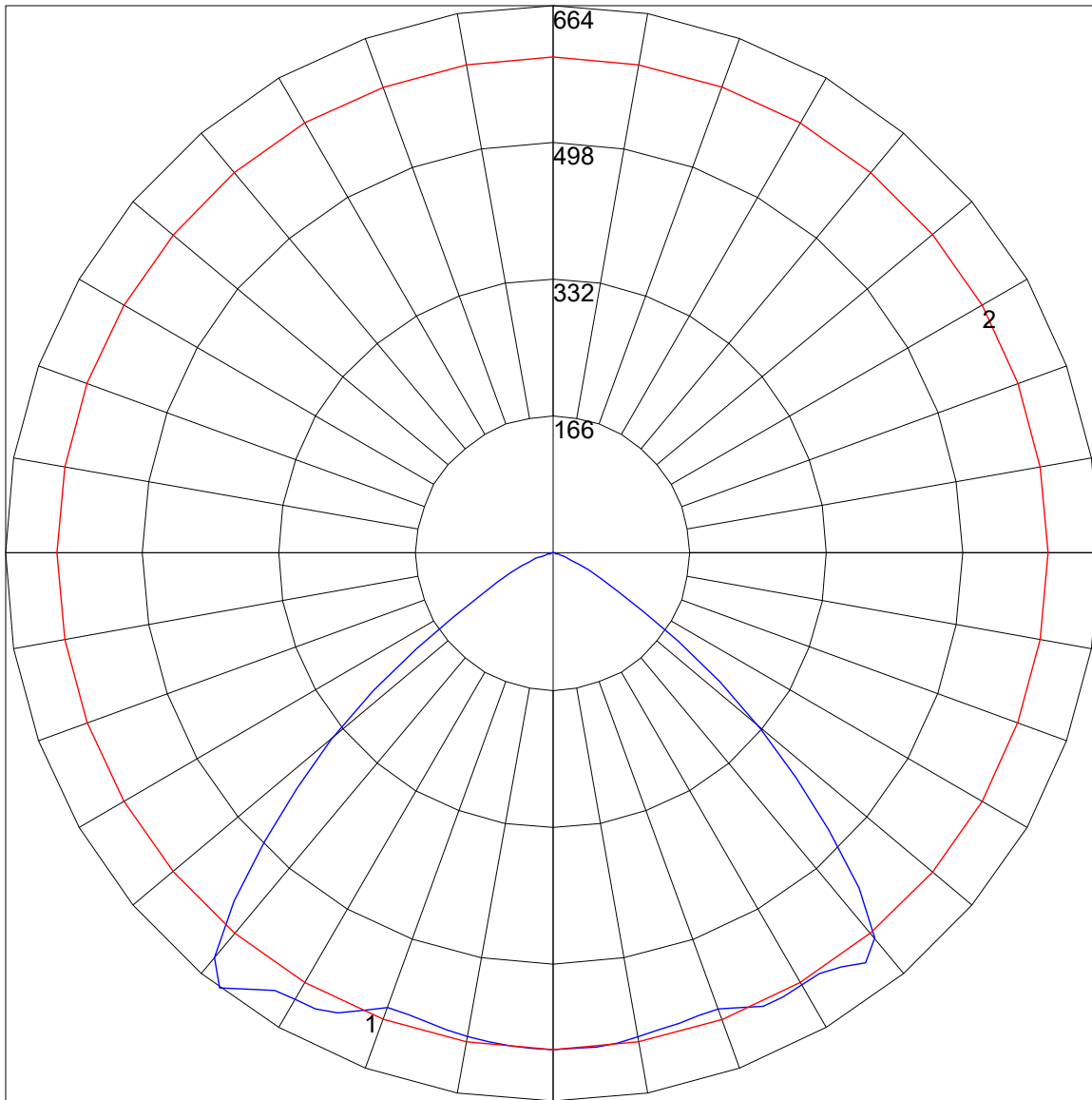
IES INDOOR REPORT
PHOTOMETRIC FILENAME : BX910LED4SAWT40120-277V_P.IES

UGR TABLE - CORRECTED

| Reflectances | | | | | | | | | | | |
|----------------|------|----------------------|------|------|------|------|--------------------|------|------|------|------|
| Ceiling Cavity | | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 |
| Walls | | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 |
| Floor Cavity | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| Room Size | | UGR Viewed Crosswise | | | | | UGR Viewed Endwise | | | | |
| X=2H | Y=2H | 11.9 | 13.3 | 12.2 | 13.7 | 14.0 | 13.2 | 14.7 | 13.6 | 15.0 | 15.3 |
| | 3H | 11.9 | 13.3 | 12.3 | 13.6 | 13.9 | 13.9 | 15.2 | 14.2 | 15.5 | 15.9 |
| | 4H | 11.9 | 13.1 | 12.3 | 13.5 | 13.9 | 14.0 | 15.3 | 14.4 | 15.6 | 16.0 |
| | 6H | 11.8 | 13.0 | 12.2 | 13.3 | 13.7 | 14.0 | 15.2 | 14.4 | 15.5 | 15.9 |
| | 8H | 11.8 | 12.9 | 12.2 | 13.3 | 13.7 | 14.0 | 15.1 | 14.4 | 15.5 | 15.9 |
| | 12H | 11.7 | 12.8 | 12.2 | 13.2 | 13.6 | 14.0 | 15.0 | 14.4 | 15.4 | 15.8 |
| 4H | 2H | 12.6 | 13.9 | 13.0 | 14.2 | 14.6 | 13.7 | 14.9 | 14.1 | 15.3 | 15.6 |
| | 3H | 12.8 | 13.8 | 13.2 | 14.2 | 14.6 | 14.5 | 15.5 | 14.9 | 15.9 | 16.3 |
| | 4H | 12.7 | 13.7 | 13.2 | 14.1 | 14.5 | 14.7 | 15.6 | 15.1 | 16.0 | 16.4 |
| | 6H | 12.7 | 13.5 | 13.2 | 13.9 | 14.4 | 14.7 | 15.5 | 15.2 | 16.0 | 16.4 |
| | 8H | 12.6 | 13.4 | 13.1 | 13.8 | 14.3 | 14.7 | 15.4 | 15.2 | 15.9 | 16.4 |
| | 12H | 12.6 | 13.3 | 13.1 | 13.7 | 14.2 | 14.7 | 15.3 | 15.2 | 15.8 | 16.3 |
| 8H | 4H | 12.9 | 13.6 | 13.3 | 14.1 | 14.5 | 14.7 | 15.4 | 15.1 | 15.8 | 16.3 |
| | 6H | 12.8 | 13.4 | 13.3 | 13.9 | 14.4 | 14.7 | 15.4 | 15.2 | 15.8 | 16.3 |
| | 8H | 12.8 | 13.3 | 13.3 | 13.8 | 14.3 | 14.7 | 15.3 | 15.2 | 15.8 | 16.3 |
| | 12H | 12.7 | 13.2 | 13.2 | 13.7 | 14.3 | 14.7 | 15.2 | 15.2 | 15.7 | 16.3 |
| 12H | 4H | 12.9 | 13.5 | 13.4 | 14.0 | 14.5 | 14.6 | 15.3 | 15.1 | 15.8 | 16.2 |
| | 6H | 12.8 | 13.4 | 13.3 | 13.8 | 14.4 | 14.7 | 15.3 | 15.2 | 15.7 | 16.3 |
| | 8H | 12.8 | 13.3 | 13.3 | 13.7 | 14.3 | 14.7 | 15.2 | 15.2 | 15.7 | 16.3 |

Maximum UGR = 16.4

POLAR GRAPH



Maximum Candela = 663.531 Located At Horizontal Angle = 180, Vertical Angle = 37.5
1 - Vertical Plane Through Horizontal Angles (180 - 0) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (0)