

IES INDOOR REPORT

PHOTOMETRIC FILENAME : BL736HTHO22KTV_P.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 4373
[TESTLAB] TUV SUD America
[ISSUEDATE] 1/26/2023 10:53:47 AM
[MANUFAC] BEGHELLI
[LUMCAT] OUTDOOR LUMINAIRE
[OTHER] FLOOD
[LUMINAIRE] BL736HTHO22KTV_P
[_AMBIENT] 24.4 deg C
[_POWERFACTOR] 0.9988
[_ATHD] 1.41%
[_CURRENT] 1.90
[_VOLTAGE] 120.14
[_STABILIZATION] 25:19.2 Stable
[_POWER VARIATION] 0.16%
[_LIGHT VARIATION] 0.49%

CHARACTERISTICS

| | |
|---------------------------------|---------------------|
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 27181 |
| Total Luminaire Efficiency | N.A. |
| Luminaire Efficacy Rating (LER) | 113 |
| Total Luminaire Watts | 240 |
| Ballast Factor | 1.00 |
| CIE Type | Direct |
| Spacing Criterion (0-180) | 1.58 |
| Spacing Criterion (90-270) | 1.54 |
| Spacing Criterion (Diagonal) | 1.58 |
| Basic Luminous Shape | Rectangular w/Sides |
| Luminous Length (0-180) | 0.96 ft |
| Luminous Width (90-270) | 0.96 ft |
| Luminous Height | 0.33 ft |

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LUMINANCE DATA (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|---------------------|------------------|-------------------|-------------------|
| 45 | 85296 | 115805 | 100812 |
| 55 | 49099 | 39823 | 46322 |
| 65 | 6645 | 4302 | 6600 |
| 75 | 1591 | 1123 | 1415 |
| 85 | 339 | 207 | 310 |

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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 | 10099.014 | 10099.014 | 10099.014 | 10099.014 | 10099.014 | 10099.014 | 10099.014 | 10099.014 | 10099.014 | 10099.014 |
| 2.5 | 10099.391 | 10093.934 | 10093.557 | 10104.917 | 10109.911 | 10090.313 | 10085.967 | 10088.398 | 10097.073 | 10091.554 |
| 5.0 | 10085.232 | 10055.734 | 10064.086 | 10072.543 | 10079.591 | 10068.389 | 10066.106 | 10069.972 | 10091.205 | 10079.426 |
| 7.5 | 10052.743 | 10007.190 | 10037.457 | 10038.524 | 10046.482 | 10035.506 | 10038.567 | 10035.559 | 10059.661 | 10058.095 |
| 10.0 | 10007.959 | 9965.816 | 9990.714 | 9989.323 | 10004.846 | 9987.723 | 9995.926 | 10022.284 | 10054.667 | 10060.859 |
| 12.5 | 9877.515 | 9851.280 | 9878.346 | 9914.342 | 9937.271 | 9957.272 | 10003.954 | 10101.979 | 10167.594 | 10194.757 |
| 15.0 | 9727.334 | 9704.780 | 9739.262 | 9769.101 | 9839.535 | 9976.109 | 10129.544 | 10237.145 | 10310.369 | 10325.787 |
| 17.5 | 9789.574 | 9781.144 | 9716.927 | 9667.972 | 9782.848 | 10040.702 | 10227.954 | 10318.170 | 10387.449 | 10429.251 |
| 20.0 | 10604.811 | 10534.946 | 10197.958 | 9839.710 | 9863.698 | 10057.457 | 10270.762 | 10562.275 | 10732.999 | 10829.590 |
| 22.5 | 11196.425 | 11157.876 | 10940.566 | 10608.476 | 10190.507 | 10129.693 | 10521.977 | 10971.646 | 11167.951 | 11223.063 |
| 25.0 | 11395.186 | 11378.745 | 11327.044 | 11293.278 | 10882.822 | 10585.371 | 10898.764 | 11170.994 | 11289.955 | 11294.686 |
| 27.5 | 11438.230 | 11373.996 | 11434.373 | 11694.666 | 11580.296 | 11430.421 | 11071.010 | 11143.254 | 11203.806 | 11202.660 |
| 30.0 | 11481.073 | 11393.647 | 11526.565 | 11775.909 | 12188.150 | 12127.134 | 11195.131 | 11034.393 | 11042.072 | 11035.137 |
| 32.5 | 11561.905 | 11537.812 | 11759.171 | 12016.166 | 12507.254 | 12458.683 | 11456.211 | 10877.417 | 10789.772 | 10749.641 |
| 35.0 | 11375.203 | 11358.789 | 11885.635 | 12442.172 | 12681.283 | 12526.187 | 11653.170 | 10646.211 | 10433.467 | 10372.276 |
| 37.5 | 10542.842 | 10595.165 | 11542.665 | 12548.592 | 12718.643 | 12361.514 | 11674.421 | 10420.357 | 10058.726 | 10012.673 |
| 40.0 | 9363.804 | 9434.343 | 10694.179 | 12131.445 | 12467.026 | 12038.615 | 11531.961 | 10335.345 | 9704.011 | 9624.368 |
| 42.5 | 8078.565 | 8240.211 | 9734.085 | 11005.928 | 11656.082 | 11519.569 | 11166.088 | 10228.732 | 9244.537 | 9056.306 |
| 45.0 | 6936.545 | 7115.795 | 8676.886 | 9687.168 | 10275.510 | 10572.025 | 10454.228 | 9752.582 | 8529.826 | 8198.304 |
| 47.5 | 5889.857 | 6107.472 | 7496.518 | 8098.722 | 8635.949 | 9008.259 | 9272.565 | 8771.037 | 7511.429 | 7045.300 |
| 50.0 | 5138.398 | 5368.388 | 6412.252 | 6556.172 | 6834.383 | 6981.609 | 7627.312 | 7353.201 | 6276.649 | 5760.401 |
| 52.5 | 4572.600 | 4787.846 | 5459.234 | 5293.040 | 5152.364 | 4819.128 | 5671.366 | 5716.107 | 4965.383 | 4510.063 |
| 55.0 | 3596.564 | 3775.964 | 4274.380 | 4065.920 | 3677.991 | 2957.858 | 3747.454 | 4129.332 | 3767.254 | 3393.133 |
| 57.5 | 2379.904 | 2505.250 | 2858.784 | 2658.676 | 2368.492 | 1646.618 | 2229.181 | 2678.536 | 2621.885 | 2336.799 |
| 60.0 | 1454.241 | 1521.999 | 1709.584 | 1523.748 | 1337.930 | 866.589 | 1195.899 | 1523.302 | 1566.696 | 1397.109 |
| 62.5 | 818.884 | 851.250 | 943.871 | 840.765 | 712.332 | 451.611 | 608.772 | 805.312 | 855.028 | 764.235 |
| 65.0 | 418.318 | 433.220 | 483.330 | 422.280 | 377.094 | 260.319 | 320.206 | 419.971 | 463.750 | 415.485 |
| 67.5 | 234.284 | 238.412 | 254.031 | 208.766 | 199.758 | 167.576 | 184.559 | 219.382 | 245.268 | 227.568 |
| 70.0 | 156.924 | 156.356 | 156.924 | 131.108 | 126.167 | 117.947 | 122.975 | 131.108 | 141.305 | 136.530 |
| 72.5 | 112.052 | 109.438 | 109.534 | 97.850 | 94.160 | 88.738 | 92.813 | 94.011 | 97.229 | 95.445 |
| 75.0 | 80.736 | 78.392 | 79.424 | 75.034 | 72.611 | 68.038 | 71.247 | 71.378 | 72.629 | 71.798 |
| 77.5 | 58.794 | 56.039 | 57.395 | 55.759 | 54.220 | 50.512 | 52.909 | 52.996 | 54.019 | 53.503 |
| 80.0 | 40.447 | 38.050 | 39.091 | 38.514 | 37.473 | 34.780 | 36.651 | 36.712 | 37.867 | 37.473 |
| 82.5 | 24.915 | 23.017 | 23.971 | 23.516 | 23.122 | 20.866 | 22.353 | 22.501 | 23.455 | 23.175 |
| 85.0 | 12.558 | 10.494 | 11.456 | 11.159 | 10.862 | 9.532 | 10.573 | 10.765 | 11.474 | 11.456 |
| 87.5 | 3.743 | 2.475 | 3.157 | 2.868 | 2.781 | 2.274 | 2.868 | 2.912 | 3.244 | 3.376 |
| 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 |

IES INDOOR REPORT
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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 | 10099.01410099.01410099.01410099.01410099.01410099.01410099.01410099.01410099.01410099.01410099.014 | | | | | | | | | |
| 2.5 | 10096.59210097.44010091.38010093.44410096.14610091.03910081.32310077.28310068.62510077.283 | | | | | | | | | |
| 5.0 | 10078.27910073.52310062.60010079.32110094.94810068.73810057.70210045.66010026.00010045.660 | | | | | | | | | |
| 7.5 | 10058.00010032.49010041.39210050.48710057.10710035.94410015.08710016.0839962.397 10016.083 | | | | | | | | | |
| 10.0 | 10062.81010018.7959996.967 10001.1829997.229 9985.239 9980.622 9970.303 9910.179 9970.303 | | | | | | | | | |
| 12.5 | 10192.29110101.05210022.2589962.423 9937.316 9932.917 9916.546 9900.551 9838.407 9900.551 | | | | | | | | | |
| 15.0 | 10307.79810245.02410158.76210012.0969903.996 9868.840 9852.251 9818.267 9818.460 9818.267 | | | | | | | | | |
| 17.5 | 10402.06210326.94110225.52310136.5409950.608 9832.180 9986.787 10073.111 10187.61310073.111 | | | | | | | | | |
| 20.0 | 10814.19810584.79410334.70610179.41010087.48010166.02010526.14810772.56210902.30610772.562 | | | | | | | | | |
| 22.5 | 11198.45410984.51110720.46710274.76710413.21310871.58411153.949 11340.59911392.75511340.599 | | | | | | | | | |
| 25.0 | 11272.40311195.61211091.27210740.95610984.51111486.02311532.28511568.12311563.24311568.123 | | | | | | | | | |
| 27.5 | 11182.20511192.02611262.81011393.69911684.22411816.39011648.35211537.63711501.06411537.637 | | | | | | | | | |
| 30.0 | 11017.05111093.04811373.17511990.81412293.08311904.04411685.29111519.81411499.98911519.814 | | | | | | | | | |
| 32.5 | 10750.24410954.97011501.29212373.15512654.84612128.62111811.54511536.89411464.77111536.894 | | | | | | | | | |
| 35.0 | 10386.45310752.70211598.23212517.91312741.20512406.08011796.19811247.32211033.52811247.322 | | | | | | | | | |
| 37.5 | 10029.51610558.55811557.57612424.49812636.39412438.99711405.96010519.05610145.49510519.056 | | | | | | | | | |
| 40.0 | 9674.339 10452.94211415.38712088.49812282.23011956.63710667.2269468.870 8985.347 9468.870 | | | | | | | | | |
| 42.5 | 9163.539 10291.92511162.59011553.64011472.37110961.7479804.633 8325.677 7798.018 8325.677 | | | | | | | | | |
| 45.0 | 8391.039 9865.570 10603.60510705.95010259.3679712.555 8867.383 7329.659 6822.839 7329.659 | | | | | | | | | |
| 47.5 | 7352.826 8989.938 9527.768 9368.221 8780.587 8296.810 7789.587 6508.939 6021.000 6508.939 | | | | | | | | | |
| 50.0 | 6155.999 7650.425 7891.758 7543.226 7113.592 6802.857 6689.099 5783.165 5315.926 5783.165 | | | | | | | | | |
| 52.5 | 4899.977 6012.394 5931.370 5460.388 5460.082 5378.961 5495.675 4985.637 4473.963 4985.637 | | | | | | | | | |
| 55.0 | 3731.906 4368.277 3977.244 3504.757 3836.035 3894.820 4027.590 3755.780 3182.811 3755.780 | | | | | | | | | |
| 57.5 | 2588.320 2884.101 2415.121 2042.864 2376.109 2446.447 2627.184 2481.454 2046.502 2481.454 | | | | | | | | | |
| 60.0 | 1542.708 1675.985 1345.818 1113.537 1355.753 1450.087 1623.828 1580.146 1308.651 1580.146 | | | | | | | | | |
| 62.5 | 843.834 895.790 713.994 586.060 752.088 848.758 960.417 956.831 771.686 956.831 | | | | | | | | | |
| 65.0 | 457.130 471.673 382.769 319.664 411.331 456.500 532.146 535.242 420.505 535.242 | | | | | | | | | |
| 67.5 | 245.592 246.781 213.917 194.319 225.863 234.144 292.589 288.190 227.883 288.190 | | | | | | | | | |
| 70.0 | 143.010 142.040 134.536 132.368 139.163 139.390 172.526 169.456 145.984 169.456 | | | | | | | | | |
| 72.5 | 96.906 98.392 97.780 98.095 100.343 100.238 113.312 113.557 104.601 113.557 | | | | | | | | | |
| 75.0 | 72.174 74.457 75.016 75.742 76.617 76.617 81.077 82.380 76.958 82.380 | | | | | | | | | |
| 77.5 | 53.739 55.786 56.424 57.482 57.474 57.578 59.240 60.132 56.398 60.132 | | | | | | | | | |
| 80.0 | 37.744 39.493 40.088 41.251 40.849 40.665 41.409 42.336 39.126 42.336 | | | | | | | | | |

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CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 82.5 | 23.525 | 25.125 | 25.632 | 26.708 | 25.720 | 25.781 | 26.157 | 26.804 | 24.259 | 26.804 |
| 85.0 | 11.727 | 12.978 | 13.319 | 14.298 | 13.188 | 13.232 | 13.459 | 13.940 | 12.042 | 13.940 |
| 87.5 | 3.376 | 4.075 | 4.198 | 4.994 | 4.136 | 4.067 | 4.399 | 4.180 | 3.323 | 4.180 |
| 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 | 10099.01410099.01410099.01410099.01410099.01410099.01410099.01410099.01410099.01410099.014 | | | | | | | | | |
| 2.5 | 10081.32310091.03910096.14610093.44410091.38010097.44010096.59210091.55410097.07310088.398 | | | | | | | | | |
| 5.0 | 10057.70210068.73810094.94810079.32110062.60010073.52310078.27910079.42610091.20510069.972 | | | | | | | | | |
| 7.5 | 10015.08710035.94410057.10710050.48710041.39210032.49010058.00010058.09510059.66110035.559 | | | | | | | | | |
| 10.0 | 9980.622 9985.239 9997.229 10001.1829996.967 10018.79510062.81010060.85910054.66710022.284 | | | | | | | | | |
| 12.5 | 9916.546 9932.917 9937.316 9962.423 10022.25810101.05210192.29110194.75710167.59410101.979 | | | | | | | | | |
| 15.0 | 9852.251 9868.840 9903.996 10012.09610158.76210245.02410307.79810325.78710310.36910237.145 | | | | | | | | | |
| 17.5 | 9986.787 9832.180 9950.608 10136.54010225.52310326.94110402.06210429.25110387.44910318.170 | | | | | | | | | |
| 20.0 | 10526.14810166.02010087.48010179.41010334.70610584.79410814.19810829.59010732.99910562.275 | | | | | | | | | |
| 22.5 | 11153.94910871.58410413.21310274.76710720.46710984.51111198.454 11223.06311167.951 10971.646 | | | | | | | | | |
| 25.0 | 11532.28511486.02310984.51110740.95611091.27211195.612 11272.40311294.68611289.95511170.994 | | | | | | | | | |
| 27.5 | 11648.35211816.39011684.22411393.69911262.81011192.026 11182.205 11202.66011203.80611143.254 | | | | | | | | | |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BL736HTHO22KTV_P.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 30.0 | 11685.291 | 11904.044 | 12293.083 | 11990.814 | 11373.175 | 11093.048 | 11017.051 | 11035.137 | 11042.072 | 11034.393 |
| 32.5 | 11811.545 | 12128.621 | 12654.846 | 12373.155 | 11501.292 | 10954.970 | 10750.244 | 10749.641 | 10789.772 | 10877.417 |
| 35.0 | 11796.198 | 12406.080 | 12741.205 | 12517.913 | 11598.232 | 10752.702 | 10386.453 | 10372.276 | 10433.467 | 10646.211 |
| 37.5 | 11405.960 | 12438.997 | 12636.394 | 12424.498 | 11557.576 | 10558.558 | 10029.516 | 10012.673 | 10058.726 | 10420.357 |
| 40.0 | 10667.226 | 11956.637 | 12282.230 | 12088.498 | 11415.387 | 10452.942 | 9674.339 | 9624.368 | 9704.011 | 10335.345 |
| 42.5 | 9804.633 | 10961.747 | 11472.371 | 11553.640 | 11162.590 | 10291.925 | 9163.539 | 9056.306 | 9244.537 | 10228.732 |
| 45.0 | 8867.383 | 9712.555 | 10259.367 | 10705.950 | 10603.605 | 9865.570 | 8391.039 | 8198.304 | 8529.826 | 9752.582 |
| 47.5 | 7789.587 | 8296.810 | 8780.587 | 9368.221 | 9527.768 | 8989.938 | 7352.826 | 7045.300 | 7511.429 | 8771.037 |
| 50.0 | 6689.099 | 6802.857 | 7113.592 | 7543.226 | 7891.758 | 7650.425 | 6155.999 | 5760.401 | 6276.649 | 7353.201 |
| 52.5 | 5495.675 | 5378.961 | 5460.082 | 5460.388 | 5931.370 | 6012.394 | 4899.977 | 4510.063 | 4965.383 | 5716.107 |
| 55.0 | 4027.590 | 3894.820 | 3836.035 | 3504.757 | 3977.244 | 4368.277 | 3731.906 | 3393.133 | 3767.254 | 4129.332 |
| 57.5 | 2627.184 | 2446.447 | 2376.109 | 2042.864 | 2415.121 | 2884.101 | 2588.320 | 2336.799 | 2621.885 | 2678.536 |
| 60.0 | 1623.828 | 1450.087 | 1355.753 | 1113.537 | 1345.818 | 1675.985 | 1542.708 | 1397.109 | 1566.696 | 1523.302 |
| 62.5 | 960.417 | 848.758 | 752.088 | 586.060 | 713.994 | 895.790 | 843.834 | 764.235 | 855.028 | 805.312 |
| 65.0 | 532.146 | 456.500 | 411.331 | 319.664 | 382.769 | 471.673 | 457.130 | 415.485 | 463.750 | 419.971 |
| 67.5 | 292.589 | 234.144 | 225.863 | 194.319 | 213.917 | 246.781 | 245.592 | 227.568 | 245.268 | 219.382 |
| 70.0 | 172.526 | 139.390 | 139.163 | 132.368 | 134.536 | 142.040 | 143.010 | 136.530 | 141.305 | 131.108 |
| 72.5 | 113.312 | 100.238 | 100.343 | 98.095 | 97.780 | 98.392 | 96.906 | 95.445 | 97.229 | 94.011 |
| 75.0 | 81.077 | 76.617 | 76.617 | 75.742 | 75.016 | 74.457 | 72.174 | 71.798 | 72.629 | 71.378 |
| 77.5 | 59.240 | 57.578 | 57.474 | 57.482 | 56.424 | 55.786 | 53.739 | 53.503 | 54.019 | 52.996 |
| 80.0 | 41.409 | 40.665 | 40.849 | 41.251 | 40.088 | 39.493 | 37.744 | 37.473 | 37.867 | 36.712 |
| 82.5 | 26.157 | 25.781 | 25.720 | 26.708 | 25.632 | 25.125 | 23.525 | 23.175 | 23.455 | 22.501 |
| 85.0 | 13.459 | 13.232 | 13.188 | 14.298 | 13.319 | 12.978 | 11.727 | 11.456 | 11.474 | 10.765 |
| 87.5 | 4.399 | 4.067 | 4.136 | 4.994 | 4.198 | 4.075 | 3.376 | 3.376 | 3.244 | 2.912 |
| 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 : BL736HTHO22KTV_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 | 10099.014 | 10099.014 | 10099.014 | 10099.014 | 10099.014 | 10099.014 | 10099.014 |
| 2.5 | 10085.967 | 10090.313 | 10109.911 | 10104.917 | 10093.557 | 10093.934 | 10099.391 |
| 5.0 | 10066.106 | 10068.389 | 10079.591 | 10072.543 | 10064.086 | 10055.734 | 10085.232 |
| 7.5 | 10038.567 | 10035.506 | 10046.482 | 10038.524 | 10037.457 | 10007.190 | 10052.743 |
| 10.0 | 9995.926 | 9987.723 | 10004.846 | 9989.323 | 9990.714 | 9965.816 | 10007.959 |
| 12.5 | 10003.954 | 9957.272 | 9937.271 | 9914.342 | 9878.346 | 9851.280 | 9877.515 |
| 15.0 | 10129.544 | 9976.109 | 9839.535 | 9769.101 | 9739.262 | 9704.780 | 9727.334 |
| 17.5 | 10227.954 | 10040.702 | 9782.848 | 9667.972 | 9716.927 | 9781.144 | 9789.574 |
| 20.0 | 10270.762 | 10057.457 | 9863.698 | 9839.710 | 10197.958 | 10534.946 | 10604.811 |
| 22.5 | 10521.977 | 10129.693 | 10190.507 | 10608.476 | 10940.566 | 11157.876 | 11196.425 |
| 25.0 | 10898.764 | 10585.371 | 10882.822 | 11293.278 | 11327.044 | 11378.745 | 11395.186 |
| 27.5 | 11071.010 | 111430.421 | 11580.296 | 11694.666 | 11434.373 | 11373.996 | 11438.230 |
| 30.0 | 11195.131 | 12127.134 | 12188.150 | 11775.909 | 11526.565 | 11393.647 | 11481.073 |
| 32.5 | 11456.211 | 12458.683 | 12507.254 | 12016.166 | 11759.171 | 11537.812 | 11561.905 |
| 35.0 | 11653.170 | 12526.187 | 12681.283 | 12442.172 | 11885.635 | 11358.789 | 11375.203 |
| 37.5 | 11674.421 | 12361.514 | 12718.643 | 12548.592 | 11542.665 | 10595.165 | 10542.842 |
| 40.0 | 11531.961 | 12038.615 | 12467.026 | 12131.445 | 10694.179 | 9434.343 | 9363.804 |
| 42.5 | 11166.088 | 11519.569 | 11656.082 | 11005.928 | 9734.085 | 8240.211 | 8078.565 |
| 45.0 | 10454.228 | 10572.025 | 10275.510 | 9687.168 | 8676.886 | 7115.795 | 6936.545 |
| 47.5 | 9272.565 | 9008.259 | 8635.949 | 8098.722 | 7496.518 | 6107.472 | 5889.857 |
| 50.0 | 7627.312 | 6981.609 | 6834.383 | 6556.172 | 6412.252 | 5368.388 | 5138.398 |
| 52.5 | 5671.366 | 4819.128 | 5152.364 | 5293.040 | 5459.234 | 4787.846 | 4572.600 |
| 55.0 | 3747.454 | 2957.858 | 3677.991 | 4065.920 | 4274.380 | 3775.964 | 3596.564 |
| 57.5 | 2229.181 | 1646.618 | 2368.492 | 2658.676 | 2858.784 | 2505.250 | 2379.904 |
| 60.0 | 1195.899 | 866.589 | 1337.930 | 1523.748 | 1709.584 | 1521.999 | 1454.241 |
| 62.5 | 608.772 | 451.611 | 712.332 | 840.765 | 943.871 | 851.250 | 818.884 |
| 65.0 | 320.206 | 260.319 | 377.094 | 422.280 | 483.330 | 433.220 | 418.318 |
| 67.5 | 184.559 | 167.576 | 199.758 | 208.766 | 254.031 | 238.412 | 234.284 |
| 70.0 | 122.975 | 117.947 | 126.167 | 131.108 | 156.924 | 156.356 | 156.924 |
| 72.5 | 92.813 | 88.738 | 94.160 | 97.850 | 109.534 | 109.438 | 112.052 |
| 75.0 | 71.247 | 68.038 | 72.611 | 75.034 | 79.424 | 78.392 | 80.736 |
| 77.5 | 52.909 | 50.512 | 54.220 | 55.759 | 57.395 | 56.039 | 58.794 |
| 80.0 | 36.651 | 34.780 | 37.473 | 38.514 | 39.091 | 38.050 | 40.447 |
| 82.5 | 22.353 | 20.866 | 23.122 | 23.516 | 23.971 | 23.017 | 24.915 |
| 85.0 | 10.573 | 9.532 | 10.862 | 11.159 | 11.456 | 10.494 | 12.558 |
| 87.5 | 2.868 | 2.274 | 2.781 | 2.868 | 3.157 | 2.475 | 3.743 |
| 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 : BL736HTHO22KTV_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 : BL736HTHO22KTV_P.IES

ZONAL LUMEN SUMMARY

| Zone | Lumens | %Lamp | %Fixt |
|---------|----------|-------|--------|
| 0-20 | 3816.32 | N.A. | 14.00 |
| 0-30 | 8970.53 | N.A. | 33.00 |
| 0-40 | 16145.64 | N.A. | 59.40 |
| 0-60 | 26536.68 | N.A. | 97.60 |
| 0-80 | 27165.16 | N.A. | 99.90 |
| 0-90 | 27181.25 | N.A. | 100.00 |
| 10-90 | 26222.23 | N.A. | 96.50 |
| 20-40 | 12329.32 | N.A. | 45.40 |
| 20-50 | 19282.06 | N.A. | 70.90 |
| 40-70 | 10934.9 | N.A. | 40.20 |
| 60-80 | 628.47 | N.A. | 2.30 |
| 70-80 | 84.62 | N.A. | 0.30 |
| 80-90 | 16.09 | N.A. | 0.10 |
| 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 | 27181.25 | N.A. | 100.00 |

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

| Zone | Lumens |
|---------|---------|
| 0-10 | 959.02 |
| 10-20 | 2857.3 |
| 20-30 | 5154.22 |
| 30-40 | 7175.1 |
| 40-50 | 6952.74 |
| 50-60 | 3438.31 |
| 60-70 | 543.86 |
| 70-80 | 84.62 |
| 80-90 | 16.09 |
| 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 : BL736HTHO22KTV_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 | 112 | 108 | 105 | 102 | 109 | 106 | 103 | 100 | 102 | 99 | 97 | 98 | 96 | 94 | 94 | 93 | 92 | 90 |
| 2 | 104 | 97 | 92 | 87 | 101 | 95 | 90 | 86 | 92 | 88 | 84 | 89 | 85 | 82 | 86 | 83 | 81 | 79 |
| 3 | 96 | 87 | 81 | 75 | 94 | 86 | 80 | 75 | 83 | 78 | 73 | 80 | 76 | 72 | 78 | 74 | 71 | 69 |
| 4 | 89 | 79 | 71 | 65 | 87 | 77 | 70 | 65 | 75 | 69 | 64 | 73 | 68 | 63 | 71 | 66 | 63 | 61 |
| 5 | 82 | 71 | 63 | 57 | 80 | 70 | 62 | 57 | 68 | 61 | 56 | 66 | 60 | 56 | 64 | 59 | 55 | 53 |
| 6 | 76 | 64 | 56 | 50 | 74 | 63 | 56 | 50 | 62 | 55 | 50 | 60 | 54 | 49 | 58 | 53 | 49 | 47 |
| 7 | 71 | 58 | 50 | 45 | 69 | 58 | 50 | 45 | 56 | 49 | 44 | 55 | 49 | 44 | 53 | 48 | 44 | 42 |
| 8 | 66 | 53 | 45 | 40 | 64 | 53 | 45 | 40 | 51 | 44 | 40 | 50 | 44 | 39 | 49 | 43 | 39 | 37 |
| 9 | 61 | 49 | 41 | 36 | 60 | 48 | 41 | 36 | 47 | 40 | 36 | 46 | 40 | 36 | 45 | 39 | 35 | 34 |
| 10 | 57 | 45 | 37 | 32 | 56 | 44 | 37 | 32 | 43 | 37 | 32 | 42 | 36 | 32 | 42 | 36 | 32 | 30 |

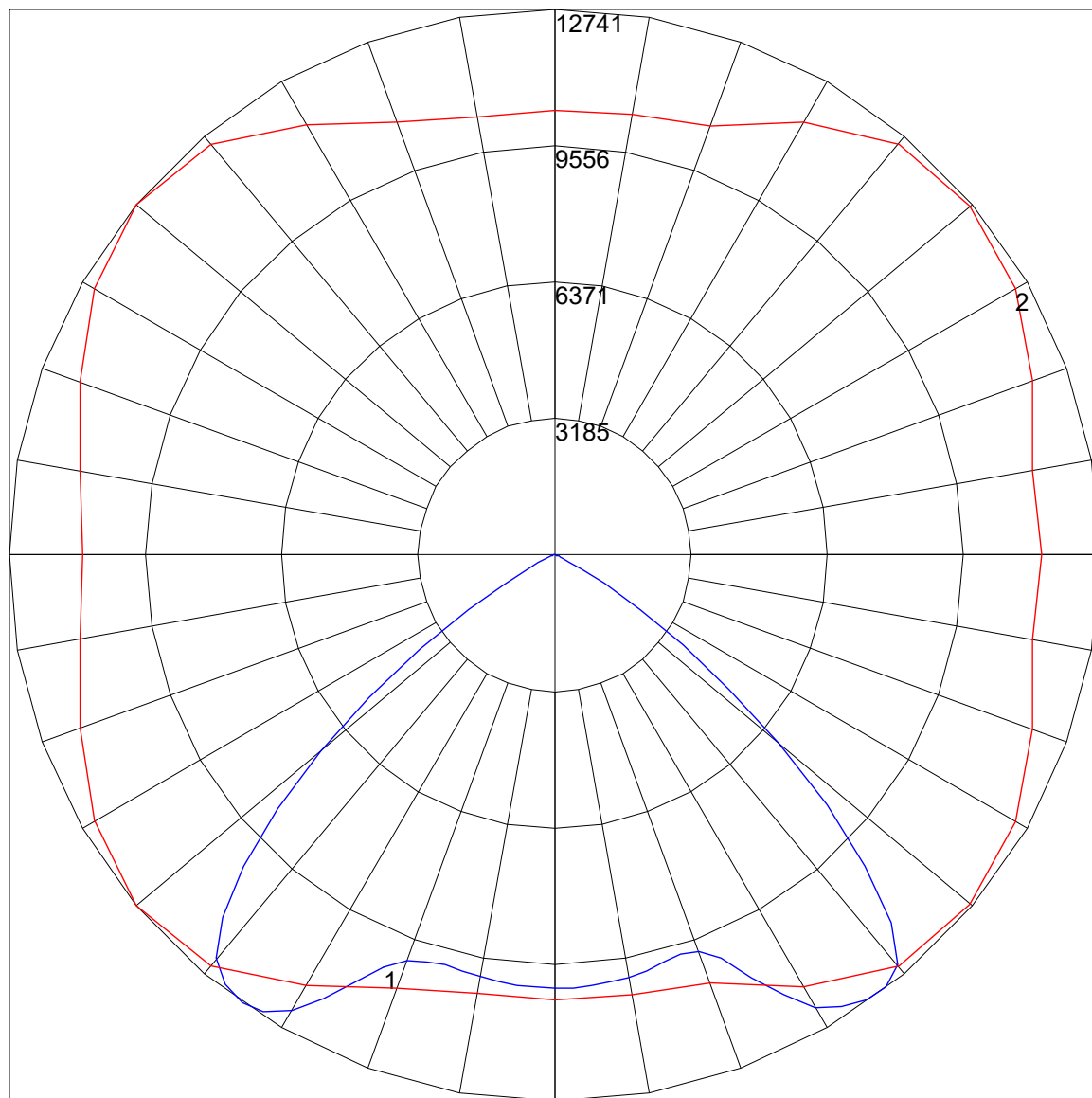
IES INDOOR REPORT
PHOTOMETRIC FILENAME : BL736HTHO22KTV_P.IES

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 | 23.1 | 24.5 | 23.5 | 24.9 | 25.2 | 23.0 | 24.4 | 23.4 | 24.7 | 25.0 |
| | 3H | 23.1 | 24.3 | 23.4 | 24.6 | 25.0 | 22.9 | 24.2 | 23.3 | 24.5 | 24.8 |
| | 4H | 23.0 | 24.1 | 23.4 | 24.5 | 24.9 | 22.9 | 24.0 | 23.3 | 24.4 | 24.7 |
| | 6H | 22.9 | 24.0 | 23.3 | 24.3 | 24.7 | 22.8 | 23.8 | 23.2 | 24.2 | 24.6 |
| | 8H | 22.9 | 23.9 | 23.3 | 24.3 | 24.7 | 22.7 | 23.7 | 23.2 | 24.1 | 24.5 |
| | 12H | 22.8 | 23.8 | 23.3 | 24.2 | 24.6 | 22.7 | 23.7 | 23.1 | 24.0 | 24.5 |
| 4H | 2H | 23.0 | 24.1 | 23.4 | 24.5 | 24.9 | 22.8 | 24.0 | 23.2 | 24.3 | 24.7 |
| | 3H | 22.9 | 23.8 | 23.3 | 24.2 | 24.6 | 22.8 | 23.7 | 23.2 | 24.1 | 24.5 |
| | 4H | 22.8 | 23.6 | 23.2 | 24.0 | 24.5 | 22.7 | 23.5 | 23.1 | 23.9 | 24.4 |
| | 6H | 22.7 | 23.4 | 23.2 | 23.9 | 24.4 | 22.6 | 23.3 | 23.1 | 23.8 | 24.2 |
| | 8H | 22.7 | 23.3 | 23.2 | 23.8 | 24.3 | 22.6 | 23.2 | 23.0 | 23.7 | 24.1 |
| | 12H | 22.6 | 23.2 | 23.1 | 23.7 | 24.2 | 22.5 | 23.1 | 23.0 | 23.6 | 24.0 |
| 8H | 4H | 22.7 | 23.3 | 23.1 | 23.8 | 24.3 | 22.6 | 23.2 | 23.0 | 23.7 | 24.1 |
| | 6H | 22.6 | 23.1 | 23.1 | 23.6 | 24.1 | 22.5 | 23.0 | 23.0 | 23.5 | 24.0 |
| | 8H | 22.5 | 23.0 | 23.0 | 23.5 | 24.0 | 22.4 | 22.9 | 22.9 | 23.4 | 23.9 |
| | 12H | 22.5 | 22.9 | 23.0 | 23.4 | 24.0 | 22.3 | 22.8 | 22.9 | 23.3 | 23.8 |
| 12H | 4H | 22.6 | 23.2 | 23.1 | 23.7 | 24.2 | 22.5 | 23.1 | 23.0 | 23.6 | 24.0 |
| | 6H | 22.5 | 23.0 | 23.0 | 23.5 | 24.0 | 22.4 | 22.9 | 22.9 | 23.4 | 23.9 |
| | 8H | 22.5 | 22.9 | 23.0 | 23.4 | 24.0 | 22.3 | 22.8 | 22.9 | 23.3 | 23.8 |

Maximum UGR = 25.2

POLAR GRAPH



Maximum Candela = 12741.205 Located At Horizontal Angle = 140, Vertical Angle = 35
1 - Vertical Plane Through Horizontal Angles (140 - 320) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (35) (Through Max. Cd.)