



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX2U-4-00-L8-8TW-FA-DIM-UNV 4000K\_.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #13052732.12A

[TESTLAB] UL Verification Services Inc.

[ISSUEDATE] 16 MAR 2022

[MANUFAC] WILLIAMS INDOOR

[OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.

[LUMCAT] MX2U-4-00-L8-8TW-FA-DIM-UNV 4000k

[LUMINAIRE] Formed White aluminum housing, frosted lens enclosure

[LAMP] White LEDs

[OTHER] This test was performed using the calibrated photodetector met

[MORE] hod of absolute photometry.

### CHARACTERISTICS

|                                 |                 |
|---------------------------------|-----------------|
| Lumens Per Lamp                 | N.A. (absolute) |
| Total Lamp Lumens               | N.A. (absolute) |
| Luminaire Lumens                | 3311            |
| Total Luminaire Efficiency      | N.A.            |
| Luminaire Efficacy Rating (LER) | 125             |
| Total Luminaire Watts           | 26.4            |
| Ballast Factor                  | 1.00            |
| CIE Type                        | Indirect        |
| Spacing Criterion (0-180)       | N.A.            |
| Spacing Criterion (90-270)      | N.A.            |
| Spacing Criterion (Diagonal)    | N.A.            |
| Basic Luminous Shape            | Rectangular     |
| Luminous Length (0-180)         | 4.00 ft         |
| Luminous Width (90-270)         | 0.17 ft         |
| Luminous Height                 | 0.00 ft         |

### LUMINANCE DATA (cd/sq.m)

| Angle In<br>Degrees | Average<br>0-Deg | Average<br>45-Deg | Average<br>90-Deg |
|---------------------|------------------|-------------------|-------------------|
| 45                  | 0                | 0                 | 0                 |
| 55                  | 0                | 0                 | 0                 |
| 65                  | 0                | 0                 | 0                 |
| 75                  | 0                | 0                 | 0                 |
| 85                  | 0                | 0                 | 0                 |

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**CANDELA TABULATION**

|             | <u>0.0</u> | <u>22.5</u> | <u>45.0</u> | <u>67.5</u> | <u>90.0</u> | <u>112.5</u> | <u>135.0</u> | <u>157.5</u> | <u>180.0</u> | <u>202.5</u> |
|-------------|------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|
| <b>0.0</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>0.5</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>1.0</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>1.5</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>2.0</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>2.5</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>3.0</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>3.5</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>4.0</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>4.5</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>5.0</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>5.5</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>6.0</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>6.5</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>7.0</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>7.5</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>8.0</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>8.5</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>9.0</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>9.5</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>10.0</b> | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>10.5</b> | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>11.0</b> | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>11.5</b> | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>12.0</b> | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>12.5</b> | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>13.0</b> | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>13.5</b> | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>14.0</b> | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>14.5</b> | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>15.0</b> | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>15.5</b> | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>16.0</b> | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>16.5</b> | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>17.0</b> | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>17.5</b> | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>18.0</b> | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>18.5</b> | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>19.0</b> | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>19.5</b> | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>20.0</b> | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>20.5</b> | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>21.0</b> | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>21.5</b> | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>22.0</b> | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>22.5</b> | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>23.0</b> | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>23.5</b> | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>24.0</b> | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>24.5</b> | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>25.0</b> | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>25.5</b> | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>26.0</b> | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>26.5</b> | 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.)**

|      |       |       |       |       |       |       |       |       |       |       |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 27.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 27.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 28.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 28.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 29.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 29.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 30.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 30.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 31.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 31.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 32.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 32.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 33.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 33.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 34.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 34.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 35.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 35.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 36.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 36.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 37.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 37.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 38.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 38.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 39.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 39.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 40.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 40.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 41.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 41.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 43.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 43.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 44.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 44.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 45.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 45.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 46.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 46.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 47.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 47.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 48.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 48.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 49.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 49.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 50.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 50.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 51.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 51.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 52.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 52.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 53.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 53.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 54.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 54.5 | 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 : MX2U-4-00-L8-8TW-FA-DIM-UNV 4000K\_.IES**

**CANDELA TABULATION - (Cont.)**

|      |       |       |       |       |       |       |       |       |       |       |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 55.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 55.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 56.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 56.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 57.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 57.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 58.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 58.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 59.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 59.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 60.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 60.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 61.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 61.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 62.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 62.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 63.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 63.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 64.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 64.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 65.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 65.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 66.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 66.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 67.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 67.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 68.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 68.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 69.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 69.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 70.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 70.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 71.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 71.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 72.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 72.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 73.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 73.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 74.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 74.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 75.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 75.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 76.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 76.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 77.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 77.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 78.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 78.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 79.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 79.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 80.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 80.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 81.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 81.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 82.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 82.5 | 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 : MX2U-4-00-L8-8TW-FA-DIM-UNV 4000K\_.IES**

**CANDELA TABULATION - (Cont.)**

|       |         |         |         |         |         |         |         |         |         |         |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 83.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 83.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 84.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 84.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 85.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 85.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 86.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 86.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 87.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 87.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 88.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 88.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 89.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 89.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 90.0  | 2.470   | 3.329   | 3.115   | 1.826   | 1.074   | 1.826   | 3.115   | 3.329   | 2.470   | 5.263   |
| 90.5  | 4.833   | 4.403   | 3.437   | 1.933   | 1.074   | 1.933   | 3.437   | 4.403   | 4.833   | 7.303   |
| 91.0  | 7.625   | 6.551   | 5.048   | 3.329   | 2.041   | 3.329   | 5.048   | 6.551   | 7.625   | 9.129   |
| 91.5  | 9.988   | 8.485   | 7.733   | 6.337   | 4.940   | 6.337   | 7.733   | 8.485   | 9.988   | 11.599  |
| 92.0  | 12.244  | 10.525  | 9.881   | 9.022   | 7.840   | 9.022   | 9.881   | 10.525  | 12.244  | 15.358  |
| 92.5  | 15.036  | 13.532  | 11.814  | 11.062  | 9.988   | 11.062  | 11.814  | 13.532  | 15.036  | 19.117  |
| 93.0  | 18.258  | 17.291  | 13.532  | 12.995  | 11.921  | 12.995  | 13.532  | 17.291  | 18.258  | 22.876  |
| 93.5  | 22.124  | 21.050  | 15.358  | 14.714  | 13.640  | 14.714  | 15.358  | 21.050  | 22.124  | 26.958  |
| 94.0  | 26.313  | 24.917  | 18.043  | 16.540  | 15.466  | 16.540  | 18.043  | 24.917  | 26.313  | 31.683  |
| 94.5  | 30.824  | 28.998  | 22.984  | 18.688  | 17.399  | 18.688  | 22.984  | 28.998  | 30.824  | 37.590  |
| 95.0  | 35.657  | 33.616  | 29.428  | 21.587  | 19.869  | 21.587  | 29.428  | 33.616  | 35.657  | 44.571  |
| 95.5  | 40.812  | 39.309  | 35.657  | 25.776  | 23.198  | 25.776  | 35.657  | 39.309  | 40.812  | 52.841  |
| 96.0  | 46.290  | 45.967  | 41.349  | 33.079  | 27.495  | 33.079  | 41.349  | 45.967  | 46.290  | 60.466  |
| 96.5  | 51.982  | 53.485  | 46.719  | 42.101  | 35.227  | 42.101  | 46.719  | 53.485  | 51.982  | 67.447  |
| 97.0  | 57.889  | 61.863  | 52.304  | 49.297  | 45.538  | 49.297  | 52.304  | 61.863  | 57.889  | 74.965  |
| 97.5  | 64.118  | 69.488  | 58.104  | 55.848  | 52.841  | 55.848  | 58.104  | 69.488  | 64.118  | 82.269  |
| 98.0  | 70.562  | 77.113  | 64.225  | 62.185  | 59.715  | 62.185  | 64.225  | 77.113  | 70.562  | 90.109  |
| 98.5  | 77.221  | 84.632  | 70.669  | 68.521  | 66.159  | 68.521  | 70.669  | 84.632  | 77.221  | 98.164  |
| 99.0  | 83.987  | 91.935  | 77.436  | 75.073  | 72.710  | 75.073  | 77.436  | 91.935  | 83.987  | 106.219 |
| 99.5  | 90.861  | 99.775  | 84.524  | 81.839  | 79.261  | 81.839  | 84.524  | 99.775  | 90.861  | 114.596 |
| 100.0 | 97.949  | 107.615 | 92.042  | 88.928  | 86.135  | 88.928  | 92.042  | 107.615 | 97.949  | 123.188 |
| 100.5 | 105.038 | 115.348 | 100.312 | 96.123  | 93.224  | 96.123  | 100.312 | 115.348 | 105.038 | 132.102 |
| 101.0 | 112.341 | 123.403 | 110.193 | 103.749 | 100.527 | 103.749 | 110.193 | 123.403 | 112.341 | 141.017 |
| 101.5 | 119.751 | 131.888 | 121.362 | 111.482 | 107.937 | 111.482 | 121.362 | 131.888 | 119.751 | 150.146 |
| 102.0 | 127.162 | 140.372 | 134.358 | 119.322 | 115.563 | 119.322 | 134.358 | 140.372 | 127.162 | 159.382 |
| 102.5 | 134.573 | 148.964 | 146.494 | 127.484 | 123.403 | 127.484 | 146.494 | 148.964 | 134.573 | 168.941 |
| 103.0 | 142.198 | 157.664 | 158.630 | 135.969 | 131.458 | 135.969 | 158.630 | 157.664 | 142.198 | 178.499 |
| 103.5 | 149.824 | 166.578 | 170.122 | 144.668 | 139.621 | 144.668 | 170.122 | 166.578 | 149.824 | 188.488 |
| 104.0 | 157.556 | 175.814 | 181.184 | 154.549 | 147.998 | 154.549 | 181.184 | 175.814 | 157.556 | 199.228 |
| 104.5 | 165.182 | 185.051 | 191.925 | 167.008 | 156.482 | 167.008 | 191.925 | 185.051 | 165.182 | 211.149 |
| 105.0 | 172.915 | 194.824 | 202.235 | 179.788 | 165.719 | 179.788 | 202.235 | 194.824 | 172.915 | 223.178 |
| 105.5 | 180.755 | 204.920 | 212.545 | 191.602 | 178.499 | 191.602 | 212.545 | 204.920 | 180.755 | 235.529 |
| 106.0 | 188.595 | 215.230 | 222.963 | 204.168 | 191.280 | 204.168 | 222.963 | 215.230 | 188.595 | 247.236 |
| 106.5 | 196.543 | 225.541 | 233.274 | 217.593 | 201.913 | 217.593 | 233.274 | 225.541 | 196.543 | 257.654 |
| 107.0 | 204.383 | 235.529 | 242.940 | 232.092 | 213.727 | 232.092 | 242.940 | 235.529 | 204.383 | 267.427 |
| 107.5 | 212.223 | 244.551 | 252.391 | 246.806 | 226.185 | 246.806 | 252.391 | 244.551 | 212.223 | 277.200 |
| 108.0 | 220.278 | 253.143 | 261.950 | 261.198 | 239.718 | 261.198 | 261.950 | 253.143 | 220.278 | 287.081 |
| 108.5 | 228.333 | 261.735 | 271.830 | 274.945 | 254.754 | 274.945 | 271.830 | 261.735 | 228.333 | 297.177 |
| 109.0 | 236.281 | 270.649 | 281.819 | 287.618 | 270.112 | 287.618 | 281.819 | 270.649 | 236.281 | 307.165 |
| 109.5 | 244.336 | 279.563 | 291.807 | 299.432 | 284.826 | 299.432 | 291.807 | 279.563 | 244.336 | 317.153 |
| 110.0 | 252.391 | 288.477 | 301.688 | 310.924 | 298.681 | 310.924 | 301.688 | 288.477 | 252.391 | 326.927 |
| 110.5 | 260.446 | 297.177 | 311.569 | 321.557 | 312.535 | 321.557 | 311.569 | 297.177 | 260.446 | 336.485 |

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : MX2U-4-00-L8-8TW-FA-DIM-UNV 4000K\_.IES**

**CANDELA TABULATION - (Cont.)**

|       |         |         |         |         |         |         |         |         |         |         |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 111.0 | 268.394 | 305.876 | 321.449 | 331.438 | 325.638 | 331.438 | 321.449 | 305.876 | 268.394 | 346.044 |
| 111.5 | 276.449 | 314.468 | 331.115 | 341.426 | 337.882 | 341.426 | 331.115 | 314.468 | 276.449 | 355.710 |
| 112.0 | 284.396 | 322.953 | 340.674 | 351.522 | 349.159 | 351.522 | 340.674 | 322.953 | 284.396 | 365.484 |
| 112.5 | 292.451 | 331.115 | 350.340 | 361.402 | 359.254 | 361.402 | 350.340 | 331.115 | 292.451 | 375.472 |
| 113.0 | 300.399 | 339.063 | 359.899 | 371.498 | 369.350 | 371.498 | 359.899 | 339.063 | 300.399 | 385.245 |
| 113.5 | 308.347 | 346.903 | 369.565 | 381.916 | 378.909 | 381.916 | 369.565 | 346.903 | 308.347 | 395.233 |
| 114.0 | 316.294 | 354.744 | 379.231 | 392.226 | 388.360 | 392.226 | 379.231 | 354.744 | 316.294 | 405.114 |
| 114.5 | 324.134 | 362.799 | 389.112 | 402.429 | 398.563 | 402.429 | 389.112 | 362.799 | 324.134 | 415.317 |
| 115.0 | 331.975 | 370.961 | 399.207 | 412.525 | 408.766 | 412.525 | 399.207 | 370.961 | 331.975 | 425.520 |
| 115.5 | 339.815 | 379.016 | 409.947 | 422.406 | 418.969 | 422.406 | 409.947 | 379.016 | 339.815 | 436.046 |
| 116.0 | 347.655 | 387.071 | 421.117 | 432.287 | 428.742 | 432.287 | 421.117 | 387.071 | 347.655 | 446.678 |
| 116.5 | 355.603 | 395.126 | 432.287 | 442.060 | 438.516 | 442.060 | 432.287 | 395.126 | 355.603 | 457.204 |
| 117.0 | 363.336 | 403.181 | 443.456 | 451.511 | 448.289 | 451.511 | 443.456 | 403.181 | 363.336 | 467.944 |
| 117.5 | 371.176 | 411.344 | 454.196 | 460.963 | 457.955 | 460.963 | 454.196 | 411.344 | 371.176 | 478.576 |
| 118.0 | 379.016 | 419.291 | 464.829 | 470.306 | 467.621 | 470.306 | 464.829 | 419.291 | 379.016 | 489.424 |
| 118.5 | 386.856 | 427.239 | 474.817 | 479.543 | 476.965 | 479.543 | 474.817 | 427.239 | 386.856 | 500.164 |
| 119.0 | 394.696 | 435.079 | 483.839 | 488.672 | 486.416 | 488.672 | 483.839 | 435.079 | 394.696 | 510.904 |
| 119.5 | 402.537 | 442.919 | 492.001 | 497.693 | 495.760 | 497.693 | 492.001 | 442.919 | 402.537 | 521.644 |
| 120.0 | 410.270 | 450.545 | 500.056 | 506.715 | 504.782 | 506.715 | 500.056 | 450.545 | 410.270 | 532.384 |
| 120.5 | 418.110 | 458.063 | 508.004 | 516.274 | 513.911 | 516.274 | 508.004 | 458.063 | 418.110 | 543.231 |
| 121.0 | 426.057 | 465.473 | 515.844 | 526.047 | 522.933 | 526.047 | 515.844 | 465.473 | 426.057 | 553.864 |
| 121.5 | 433.790 | 472.884 | 523.684 | 536.465 | 531.847 | 536.465 | 523.684 | 472.884 | 433.790 | 564.389 |
| 122.0 | 441.630 | 480.187 | 531.417 | 547.205 | 540.976 | 547.205 | 531.417 | 480.187 | 441.630 | 575.022 |
| 122.5 | 449.363 | 487.383 | 539.150 | 557.945 | 550.427 | 557.945 | 539.150 | 487.383 | 449.363 | 585.547 |
| 123.0 | 457.204 | 494.364 | 546.775 | 568.578 | 560.523 | 568.578 | 546.775 | 494.364 | 457.204 | 595.965 |
| 123.5 | 465.151 | 501.345 | 554.293 | 578.888 | 571.155 | 578.888 | 554.293 | 501.345 | 465.151 | 606.275 |
| 124.0 | 472.991 | 508.219 | 561.597 | 588.447 | 582.003 | 588.447 | 561.597 | 508.219 | 472.991 | 616.586 |
| 124.5 | 480.832 | 514.985 | 568.900 | 597.254 | 593.280 | 597.254 | 568.900 | 514.985 | 480.832 | 626.789 |
| 125.0 | 488.779 | 521.751 | 575.988 | 605.201 | 604.557 | 605.201 | 575.988 | 521.751 | 488.779 | 636.992 |
| 125.5 | 496.619 | 528.303 | 582.755 | 612.612 | 615.190 | 612.612 | 582.755 | 528.303 | 496.619 | 647.195 |
| 126.0 | 504.567 | 534.747 | 589.199 | 620.023 | 625.607 | 620.023 | 589.199 | 534.747 | 504.567 | 657.398 |
| 126.5 | 512.515 | 541.298 | 595.213 | 627.218 | 635.059 | 627.218 | 595.213 | 541.298 | 512.515 | 667.386 |
| 127.0 | 520.570 | 547.635 | 601.120 | 634.522 | 643.328 | 634.522 | 601.120 | 547.635 | 520.570 | 677.482 |
| 127.5 | 528.517 | 553.971 | 607.027 | 641.825 | 650.846 | 641.825 | 607.027 | 553.971 | 528.517 | 687.577 |
| 128.0 | 536.465 | 560.093 | 612.719 | 648.913 | 657.827 | 648.913 | 612.719 | 560.093 | 536.465 | 697.566 |
| 128.5 | 544.520 | 566.215 | 618.197 | 655.894 | 664.272 | 655.894 | 618.197 | 566.215 | 544.520 | 707.554 |
| 129.0 | 552.575 | 572.229 | 623.889 | 662.661 | 670.179 | 662.661 | 623.889 | 572.229 | 552.575 | 717.435 |
| 129.5 | 560.630 | 578.029 | 629.689 | 668.997 | 675.763 | 668.997 | 629.689 | 578.029 | 560.630 | 727.530 |
| 130.0 | 568.578 | 583.721 | 635.488 | 675.012 | 680.919 | 675.012 | 635.488 | 583.721 | 568.578 | 737.519 |
| 130.5 | 576.633 | 589.306 | 641.395 | 680.596 | 685.859 | 680.596 | 641.395 | 589.306 | 576.633 | 747.399 |
| 131.0 | 584.688 | 594.891 | 646.980 | 685.859 | 690.907 | 685.859 | 646.980 | 594.891 | 584.688 | 757.280 |
| 131.5 | 592.635 | 600.368 | 652.457 | 690.799 | 695.632 | 690.799 | 652.457 | 600.368 | 592.635 | 767.054 |
| 132.0 | 600.690 | 605.738 | 657.935 | 695.632 | 700.680 | 695.632 | 657.935 | 605.738 | 600.690 | 776.827 |
| 132.5 | 608.638 | 611.001 | 663.198 | 700.036 | 706.158 | 700.036 | 663.198 | 611.001 | 608.638 | 786.493 |
| 133.0 | 616.801 | 616.049 | 668.568 | 704.654 | 711.742 | 704.654 | 668.568 | 616.049 | 616.801 | 794.333 |
| 133.5 | 624.856 | 621.204 | 673.723 | 709.165 | 717.650 | 709.165 | 673.723 | 621.204 | 624.856 | 800.885 |
| 134.0 | 632.911 | 626.144 | 678.771 | 713.568 | 723.127 | 713.568 | 678.771 | 626.144 | 632.911 | 810.658 |
| 134.5 | 641.073 | 631.085 | 683.604 | 717.757 | 728.712 | 717.757 | 683.604 | 631.085 | 641.073 | 819.680 |
| 135.0 | 649.128 | 636.025 | 688.437 | 721.731 | 733.867 | 721.731 | 688.437 | 636.025 | 649.128 | 828.809 |
| 135.5 | 657.398 | 640.858 | 693.055 | 725.275 | 738.485 | 725.275 | 693.055 | 640.858 | 657.398 | 837.723 |
| 136.0 | 665.668 | 645.691 | 697.673 | 728.819 | 742.566 | 728.819 | 697.673 | 645.691 | 665.668 | 846.852 |
| 136.5 | 673.830 | 650.524 | 701.862 | 732.256 | 746.003 | 732.256 | 701.862 | 650.524 | 673.830 | 855.981 |
| 137.0 | 682.100 | 655.250 | 706.158 | 735.585 | 749.010 | 735.585 | 706.158 | 655.250 | 682.100 | 864.036 |
| 137.5 | 690.477 | 660.083 | 710.239 | 738.915 | 751.803 | 738.915 | 710.239 | 660.083 | 690.477 | 873.058 |
| 138.0 | 698.747 | 665.023 | 714.213 | 742.244 | 754.273 | 742.244 | 714.213 | 665.023 | 698.747 | 882.187 |
| 138.5 | 707.124 | 669.964 | 717.864 | 745.681 | 756.528 | 745.681 | 717.864 | 669.964 | 707.124 | 890.672 |

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : MX2U-4-00-L8-8TW-FA-DIM-UNV 4000K\_.IES**

**CANDELA TABULATION - (Cont.)**

|       |          |         |         |         |         |         |         |         |          |          |
|-------|----------|---------|---------|---------|---------|---------|---------|---------|----------|----------|
| 139.0 | 715.502  | 674.689 | 721.409 | 749.333 | 758.676 | 749.333 | 721.409 | 674.689 | 715.502  | 899.371  |
| 139.5 | 723.879  | 679.630 | 724.738 | 753.092 | 761.039 | 753.092 | 724.738 | 679.630 | 723.879  | 907.641  |
| 140.0 | 732.363  | 684.141 | 727.960 | 756.528 | 763.724 | 756.528 | 727.960 | 684.141 | 732.363  | 915.911  |
| 140.5 | 740.741  | 688.866 | 730.967 | 759.965 | 766.624 | 759.965 | 730.967 | 688.866 | 740.741  | 923.751  |
| 141.0 | 749.225  | 693.699 | 733.760 | 763.187 | 769.739 | 763.187 | 733.760 | 693.699 | 749.225  | 932.343  |
| 141.5 | 757.495  | 698.425 | 736.445 | 766.302 | 772.746 | 766.302 | 736.445 | 698.425 | 757.495  | 940.076  |
| 142.0 | 765.657  | 703.043 | 738.807 | 769.309 | 775.753 | 769.309 | 738.807 | 703.043 | 765.657  | 947.594  |
| 142.5 | 773.820  | 707.876 | 741.063 | 772.102 | 778.438 | 772.102 | 741.063 | 707.876 | 773.820  | 955.112  |
| 143.0 | 781.768  | 712.602 | 743.318 | 774.679 | 781.016 | 774.679 | 743.318 | 712.602 | 781.768  | 962.630  |
| 143.5 | 788.319  | 717.327 | 745.359 | 777.149 | 783.379 | 777.149 | 745.359 | 717.327 | 788.319  | 969.396  |
| 144.0 | 795.193  | 722.268 | 747.292 | 779.405 | 785.634 | 779.405 | 747.292 | 722.268 | 795.193  | 976.914  |
| 144.5 | 801.744  | 727.101 | 749.010 | 781.553 | 787.782 | 781.553 | 749.010 | 727.101 | 801.744  | 983.680  |
| 145.0 | 808.188  | 732.041 | 750.729 | 783.379 | 789.608 | 783.379 | 750.729 | 732.041 | 808.188  | 990.661  |
| 145.5 | 816.243  | 737.089 | 752.340 | 785.097 | 791.434 | 785.097 | 752.340 | 737.089 | 816.243  | 996.783  |
| 146.0 | 823.654  | 742.137 | 753.843 | 786.708 | 793.045 | 786.708 | 753.843 | 742.137 | 823.654  | 1003.120 |
| 146.5 | 831.279  | 747.185 | 755.454 | 788.104 | 794.441 | 788.104 | 755.454 | 747.185 | 831.279  | 1009.349 |
| 147.0 | 839.012  | 752.232 | 756.958 | 788.963 | 795.622 | 788.963 | 756.958 | 752.232 | 839.012  | 1015.256 |
| 147.5 | 846.530  | 757.495 | 758.569 | 789.823 | 796.804 | 789.823 | 758.569 | 757.495 | 846.530  | 1021.378 |
| 148.0 | 854.155  | 762.758 | 760.395 | 788.963 | 797.878 | 788.963 | 760.395 | 762.758 | 854.155  | 1027.607 |
| 148.5 | 861.566  | 768.128 | 762.221 | 789.715 | 794.656 | 789.715 | 762.221 | 768.128 | 861.566  | 1032.870 |
| 149.0 | 869.084  | 773.498 | 764.369 | 790.682 | 796.589 | 790.682 | 764.369 | 773.498 | 869.084  | 1038.777 |
| 149.5 | 876.495  | 778.975 | 766.517 | 791.434 | 794.978 | 791.434 | 766.517 | 778.975 | 876.495  | 1043.932 |
| 150.0 | 884.120  | 784.560 | 768.987 | 791.541 | 795.730 | 791.541 | 768.987 | 784.560 | 884.120  | 1049.732 |
| 150.5 | 891.209  | 789.393 | 771.779 | 792.293 | 796.159 | 792.293 | 771.779 | 789.393 | 891.209  | 1054.994 |
| 151.0 | 898.297  | 793.474 | 774.679 | 792.830 | 797.018 | 792.830 | 774.679 | 793.474 | 898.297  | 1060.364 |
| 151.5 | 905.708  | 799.381 | 777.901 | 793.689 | 797.018 | 793.689 | 777.901 | 799.381 | 905.708  | 1065.305 |
| 152.0 | 912.903  | 803.892 | 781.123 | 794.656 | 796.911 | 794.656 | 781.123 | 803.892 | 912.903  | 1070.030 |
| 152.5 | 919.670  | 808.725 | 784.560 | 795.515 | 797.985 | 795.515 | 784.560 | 808.725 | 919.670  | 1075.078 |
| 153.0 | 926.651  | 814.525 | 788.104 | 796.804 | 798.415 | 796.804 | 788.104 | 814.525 | 926.651  | 1079.374 |
| 153.5 | 933.847  | 820.754 | 791.863 | 797.878 | 798.629 | 797.878 | 791.863 | 820.754 | 933.847  | 1084.744 |
| 154.0 | 940.613  | 826.768 | 793.367 | 799.381 | 800.240 | 799.381 | 793.367 | 826.768 | 940.613  | 1089.040 |
| 154.5 | 946.735  | 832.783 | 797.341 | 800.455 | 801.422 | 800.455 | 797.341 | 832.783 | 946.735  | 1092.262 |
| 155.0 | 953.930  | 839.227 | 800.133 | 800.670 | 802.818 | 800.670 | 800.133 | 839.227 | 953.930  | 1096.558 |
| 155.5 | 959.515  | 845.349 | 804.429 | 803.033 | 804.429 | 803.033 | 804.429 | 845.349 | 959.515  | 1099.780 |
| 156.0 | 966.389  | 851.685 | 809.155 | 805.610 | 806.792 | 805.610 | 809.155 | 851.685 | 966.389  | 1104.076 |
| 156.5 | 972.833  | 857.914 | 813.451 | 808.081 | 809.584 | 808.081 | 813.451 | 857.914 | 972.833  | 1107.298 |
| 157.0 | 978.525  | 864.466 | 818.713 | 811.195 | 812.269 | 811.195 | 818.713 | 864.466 | 978.525  | 1110.520 |
| 157.5 | 984.325  | 871.125 | 823.439 | 814.632 | 813.988 | 814.632 | 823.439 | 871.125 | 984.325  | 1113.742 |
| 158.0 | 990.554  | 877.247 | 828.809 | 818.391 | 817.639 | 818.391 | 828.809 | 877.247 | 990.554  | 1116.964 |
| 158.5 | 995.709  | 884.335 | 833.964 | 822.150 | 820.432 | 822.150 | 833.964 | 884.335 | 995.709  | 1119.112 |
| 159.0 | 1001.616 | 891.209 | 839.656 | 826.231 | 824.728 | 826.231 | 839.656 | 891.209 | 1001.616 | 1122.334 |
| 159.5 | 1006.771 | 898.512 | 845.241 | 830.313 | 828.272 | 830.313 | 845.241 | 898.512 | 1006.771 | 1124.482 |
| 160.0 | 1012.356 | 905.063 | 851.041 | 834.823 | 832.461 | 834.823 | 851.041 | 905.063 | 1012.356 | 1126.630 |
| 160.5 | 1017.941 | 912.044 | 857.377 | 840.193 | 835.683 | 840.193 | 857.377 | 912.044 | 1017.941 | 1128.778 |
| 161.0 | 1023.204 | 918.488 | 862.962 | 844.597 | 840.193 | 844.597 | 862.962 | 918.488 | 1023.204 | 1130.926 |
| 161.5 | 1028.359 | 925.577 | 869.191 | 849.322 | 844.275 | 849.322 | 869.191 | 925.577 | 1028.359 | 1133.074 |
| 162.0 | 1032.977 | 932.450 | 875.743 | 854.478 | 848.893 | 854.478 | 875.743 | 932.450 | 1032.977 | 1135.222 |
| 162.5 | 1038.132 | 939.002 | 881.972 | 859.955 | 853.726 | 859.955 | 881.972 | 939.002 | 1038.132 | 1137.370 |
| 163.0 | 1043.180 | 945.983 | 888.309 | 865.647 | 859.418 | 865.647 | 888.309 | 945.983 | 1043.180 | 1139.518 |
| 163.5 | 1048.121 | 952.212 | 894.860 | 870.802 | 864.144 | 870.802 | 894.860 | 952.212 | 1048.121 | 1141.666 |
| 164.0 | 1052.202 | 959.193 | 901.089 | 876.924 | 869.299 | 876.924 | 901.089 | 959.193 | 1052.202 | 1143.814 |
| 164.5 | 1056.820 | 966.174 | 907.641 | 882.831 | 875.421 | 882.831 | 907.641 | 966.174 | 1056.820 | 1144.888 |
| 165.0 | 1061.438 | 973.048 | 914.192 | 889.061 | 880.039 | 889.061 | 914.192 | 973.048 | 1061.438 | 1145.962 |
| 165.5 | 1065.842 | 979.062 | 921.281 | 895.934 | 886.376 | 895.934 | 921.281 | 979.062 | 1065.842 | 1148.110 |
| 166.0 | 1070.138 | 985.721 | 928.154 | 902.486 | 892.605 | 902.486 | 928.154 | 985.721 | 1070.138 | 1149.184 |
| 166.5 | 1074.004 | 992.165 | 934.921 | 909.037 | 899.264 | 909.037 | 934.921 | 992.165 | 1074.004 | 1149.184 |

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : MX2U-4-00-L8-8TW-FA-DIM-UNV 4000K\_.IES**

**CANDELA TABULATION - (Cont.)**

|       |          |          |          |          |          |          |          |          |          |          |
|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 167.0 | 1078.300 | 998.716  | 941.365  | 916.018  | 906.030  | 916.018  | 941.365  | 998.716  | 1078.300 | 1150.258 |
| 167.5 | 1081.522 | 1005.160 | 948.453  | 923.214  | 912.581  | 923.214  | 948.453  | 1005.160 | 1081.522 | 1151.332 |
| 168.0 | 1084.744 | 1011.604 | 955.756  | 929.765  | 919.884  | 929.765  | 955.756  | 1011.604 | 1084.744 | 1152.406 |
| 168.5 | 1089.040 | 1017.404 | 962.952  | 937.176  | 927.080  | 937.176  | 962.952  | 1017.404 | 1089.040 | 1152.406 |
| 169.0 | 1092.262 | 1023.526 | 969.611  | 944.264  | 934.384  | 944.264  | 969.611  | 1023.526 | 1092.262 | 1152.406 |
| 169.5 | 1095.484 | 1030.185 | 976.484  | 951.675  | 941.794  | 951.675  | 976.484  | 1030.185 | 1095.484 | 1152.406 |
| 170.0 | 1097.632 | 1035.877 | 984.325  | 959.086  | 949.527  | 959.086  | 984.325  | 1035.877 | 1097.632 | 1152.406 |
| 170.5 | 1100.854 | 1041.569 | 991.413  | 966.281  | 956.508  | 966.281  | 991.413  | 1041.569 | 1100.854 | 1153.480 |
| 171.0 | 1103.002 | 1046.939 | 998.824  | 973.907  | 965.637  | 973.907  | 998.824  | 1046.939 | 1103.002 | 1152.406 |
| 171.5 | 1106.224 | 1052.631 | 1006.020 | 981.640  | 973.370  | 981.640  | 1006.020 | 1052.631 | 1106.224 | 1152.406 |
| 172.0 | 1108.372 | 1057.894 | 1013.108 | 989.695  | 981.747  | 989.695  | 1013.108 | 1057.894 | 1108.372 | 1151.332 |
| 172.5 | 1110.520 | 1063.264 | 1019.982 | 997.857  | 989.480  | 997.857  | 1019.982 | 1063.264 | 1110.520 | 1150.258 |
| 173.0 | 1112.668 | 1068.204 | 1026.963 | 1005.483 | 997.428  | 1005.483 | 1026.963 | 1068.204 | 1112.668 | 1150.258 |
| 173.5 | 1114.816 | 1073.037 | 1034.266 | 1014.612 | 1006.879 | 1014.612 | 1034.266 | 1073.037 | 1114.816 | 1149.184 |
| 174.0 | 1116.964 | 1078.300 | 1041.247 | 1022.237 | 1015.363 | 1022.237 | 1041.247 | 1078.300 | 1116.964 | 1148.110 |
| 174.5 | 1119.112 | 1083.670 | 1047.691 | 1030.829 | 1023.848 | 1030.829 | 1047.691 | 1083.670 | 1119.112 | 1147.036 |
| 175.0 | 1121.260 | 1087.966 | 1055.316 | 1039.206 | 1033.407 | 1039.206 | 1055.316 | 1087.966 | 1121.260 | 1145.962 |
| 175.5 | 1121.260 | 1092.262 | 1061.760 | 1047.154 | 1042.643 | 1047.154 | 1061.760 | 1092.262 | 1121.260 | 1144.888 |
| 176.0 | 1123.408 | 1096.558 | 1068.849 | 1055.746 | 1051.235 | 1055.746 | 1068.849 | 1096.558 | 1123.408 | 1142.740 |
| 176.5 | 1124.482 | 1099.780 | 1075.078 | 1064.338 | 1060.042 | 1064.338 | 1075.078 | 1099.780 | 1124.482 | 1140.592 |
| 177.0 | 1125.556 | 1105.150 | 1082.596 | 1072.393 | 1068.849 | 1072.393 | 1082.596 | 1105.150 | 1125.556 | 1138.444 |
| 177.5 | 1126.630 | 1108.372 | 1089.040 | 1080.448 | 1078.300 | 1080.448 | 1089.040 | 1108.372 | 1126.630 | 1137.370 |
| 178.0 | 1126.630 | 1111.594 | 1094.410 | 1089.040 | 1086.892 | 1089.040 | 1094.410 | 1111.594 | 1126.630 | 1134.148 |
| 178.5 | 1127.704 | 1114.816 | 1100.854 | 1096.558 | 1094.410 | 1096.558 | 1100.854 | 1114.816 | 1127.704 | 1133.074 |
| 179.0 | 1127.704 | 1119.112 | 1106.224 | 1104.076 | 1103.002 | 1104.076 | 1106.224 | 1119.112 | 1127.704 | 1129.852 |
| 179.5 | 1127.704 | 1121.260 | 1112.668 | 1111.594 | 1110.520 | 1111.594 | 1112.668 | 1121.260 | 1127.704 | 1127.704 |
| 180.0 | 1121.260 | 1121.260 | 1121.260 | 1121.260 | 1121.260 | 1121.260 | 1121.260 | 1121.260 | 1121.260 | 1121.260 |

**Vert. Horizontal Angles**  
**Angles**

|      | <u>225.0</u> | <u>247.5</u> | <u>270.0</u> | <u>292.5</u> | <u>315.0</u> | <u>337.5</u> | <u>360.0</u> |
|------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 0.0  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 0.5  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 1.0  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 1.5  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 2.0  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 2.5  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 3.0  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 3.5  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 4.0  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 4.5  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 5.0  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 5.5  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 6.0  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 6.5  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 7.0  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 7.5  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 8.0  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 8.5  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 9.0  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 9.5  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 10.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 10.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 11.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 11.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 12.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : MX2U-4-00-L8-8TW-FA-DIM-UNV 4000K\_.IES**

**CANDELA TABULATION - (Cont.)**

|      |       |       |       |       |       |       |       |
|------|-------|-------|-------|-------|-------|-------|-------|
| 12.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 13.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 13.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 14.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 14.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 15.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 15.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 16.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 16.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 17.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 17.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 18.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 18.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 19.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 19.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 20.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 20.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 21.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 21.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 22.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 22.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 23.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 23.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 24.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 24.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 25.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 25.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 26.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 26.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 27.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 27.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 28.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 28.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 29.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 29.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 30.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 30.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 31.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 31.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 32.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 32.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 33.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 33.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 34.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 34.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 35.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 35.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 36.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 36.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 37.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 37.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 38.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 38.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 39.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 39.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 40.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

IES INDOOR REPORT  
PHOTOMETRIC FILENAME : MX2U-4-00-L8-8TW-FA-DIM-UNV 4000K\_.IES

CANDELA TABULATION - (Cont.)

|      |       |       |       |       |       |       |       |
|------|-------|-------|-------|-------|-------|-------|-------|
| 40.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 41.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 41.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 43.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 43.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 44.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 44.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 45.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 45.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 46.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 46.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 47.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 47.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 48.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 48.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 49.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 49.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 50.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 50.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 51.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 51.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 52.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 52.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 53.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 53.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 54.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 54.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 55.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 55.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 56.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 56.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 57.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 57.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 58.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 58.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 59.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 59.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 60.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 60.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 61.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 61.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 62.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 62.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 63.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 63.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 64.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 64.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 65.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 65.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 66.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 66.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 67.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 67.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 68.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : MX2U-4-00-L8-8TW-FA-DIM-UNV 4000K\_.IES**

**CANDELA TABULATION - (Cont.)**

|      |        |        |        |        |        |        |        |
|------|--------|--------|--------|--------|--------|--------|--------|
| 68.5 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 69.0 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 69.5 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 70.0 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 70.5 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 71.0 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 71.5 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 72.0 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 72.5 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 73.0 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 73.5 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 74.0 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 74.5 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 75.0 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 75.5 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 76.0 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 76.5 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 77.0 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 77.5 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 78.0 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 78.5 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 79.0 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 79.5 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 80.0 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 80.5 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 81.0 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 81.5 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 82.0 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 82.5 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 83.0 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 83.5 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 84.0 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 84.5 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 85.0 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 85.5 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 86.0 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 86.5 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 87.0 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 87.5 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 88.0 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 88.5 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 89.0 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 89.5 | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  | 0.000  |
| 90.0 | 5.585  | 4.296  | 3.866  | 4.296  | 5.585  | 5.263  | 2.470  |
| 90.5 | 7.948  | 6.874  | 6.444  | 6.874  | 7.948  | 7.303  | 4.833  |
| 91.0 | 9.881  | 8.914  | 8.485  | 8.914  | 9.881  | 9.129  | 7.625  |
| 91.5 | 11.599 | 10.740 | 10.310 | 10.740 | 11.599 | 11.599 | 9.988  |
| 92.0 | 13.318 | 12.458 | 12.136 | 12.458 | 13.318 | 15.358 | 12.244 |
| 92.5 | 15.143 | 14.177 | 13.747 | 14.177 | 15.143 | 19.117 | 15.036 |
| 93.0 | 17.936 | 16.003 | 15.680 | 16.003 | 17.936 | 22.876 | 18.258 |
| 93.5 | 23.413 | 18.580 | 18.043 | 18.580 | 23.413 | 26.958 | 22.124 |
| 94.0 | 31.898 | 22.124 | 21.480 | 22.124 | 31.898 | 31.683 | 26.313 |
| 94.5 | 38.557 | 26.743 | 25.132 | 26.743 | 38.557 | 37.590 | 30.824 |
| 95.0 | 44.464 | 36.301 | 29.857 | 36.301 | 44.464 | 44.571 | 35.657 |
| 95.5 | 50.263 | 48.975 | 41.027 | 48.975 | 50.263 | 52.841 | 40.812 |
| 96.0 | 56.385 | 57.137 | 55.633 | 57.137 | 56.385 | 60.466 | 46.290 |

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : MX2U-4-00-L8-8TW-FA-DIM-UNV 4000K\_.IES**

**CANDELA TABULATION - (Cont.)**

|       |         |         |         |         |         |         |         |
|-------|---------|---------|---------|---------|---------|---------|---------|
| 96.5  | 62.829  | 64.011  | 64.225  | 64.011  | 62.829  | 67.447  | 51.982  |
| 97.0  | 69.703  | 70.669  | 71.636  | 70.669  | 69.703  | 74.965  | 57.889  |
| 97.5  | 77.006  | 77.543  | 78.617  | 77.543  | 77.006  | 82.269  | 64.118  |
| 98.0  | 84.524  | 84.739  | 85.706  | 84.739  | 84.524  | 90.109  | 70.562  |
| 98.5  | 92.579  | 92.257  | 93.009  | 92.257  | 92.579  | 98.164  | 77.221  |
| 99.0  | 100.956 | 100.205 | 100.742 | 100.205 | 100.956 | 106.219 | 83.987  |
| 99.5  | 110.300 | 108.474 | 108.797 | 108.474 | 110.300 | 114.596 | 90.861  |
| 100.0 | 121.899 | 116.959 | 117.174 | 116.959 | 121.899 | 123.188 | 97.949  |
| 100.5 | 135.539 | 125.766 | 125.981 | 125.766 | 135.539 | 132.102 | 105.038 |
| 101.0 | 147.676 | 135.002 | 134.895 | 135.002 | 147.676 | 141.017 | 112.341 |
| 101.5 | 161.315 | 144.346 | 144.239 | 144.346 | 161.315 | 150.146 | 119.751 |
| 102.0 | 176.888 | 154.120 | 153.797 | 154.120 | 176.888 | 159.382 | 127.162 |
| 102.5 | 193.428 | 164.645 | 163.463 | 164.645 | 193.428 | 168.941 | 134.573 |
| 103.0 | 209.753 | 178.070 | 173.559 | 178.070 | 209.753 | 178.499 | 142.198 |
| 103.5 | 224.896 | 192.784 | 184.729 | 192.784 | 224.896 | 188.488 | 149.824 |
| 104.0 | 239.288 | 204.813 | 200.194 | 204.813 | 239.288 | 199.228 | 157.556 |
| 104.5 | 252.713 | 215.553 | 214.908 | 215.553 | 252.713 | 211.149 | 165.182 |
| 105.0 | 265.816 | 227.259 | 225.863 | 227.259 | 265.816 | 223.178 | 172.915 |
| 105.5 | 278.811 | 240.362 | 235.529 | 240.362 | 278.811 | 235.529 | 180.755 |
| 106.0 | 291.055 | 255.613 | 246.591 | 255.613 | 291.055 | 247.236 | 188.595 |
| 106.5 | 303.406 | 272.475 | 259.050 | 272.475 | 303.406 | 257.654 | 196.543 |
| 107.0 | 316.187 | 291.055 | 272.582 | 291.055 | 316.187 | 267.427 | 204.383 |
| 107.5 | 328.753 | 310.709 | 287.189 | 310.709 | 328.753 | 277.200 | 212.223 |
| 108.0 | 341.533 | 330.149 | 302.762 | 330.149 | 341.533 | 287.081 | 220.278 |
| 108.5 | 354.099 | 349.803 | 319.409 | 349.803 | 354.099 | 297.177 | 228.333 |
| 109.0 | 366.665 | 369.887 | 337.989 | 369.887 | 366.665 | 307.165 | 236.281 |
| 109.5 | 379.231 | 389.541 | 357.858 | 389.541 | 379.231 | 317.153 | 244.336 |
| 110.0 | 391.797 | 407.692 | 378.586 | 407.692 | 391.797 | 326.927 | 252.391 |
| 110.5 | 404.363 | 424.661 | 399.852 | 424.661 | 404.363 | 336.485 | 260.446 |
| 111.0 | 416.821 | 441.201 | 421.654 | 441.201 | 416.821 | 346.044 | 268.394 |
| 111.5 | 429.172 | 457.204 | 441.845 | 457.204 | 429.172 | 355.710 | 276.449 |
| 112.0 | 441.630 | 472.347 | 461.285 | 472.347 | 441.630 | 365.484 | 284.396 |
| 112.5 | 453.767 | 486.953 | 480.295 | 486.953 | 453.767 | 375.472 | 292.451 |
| 113.0 | 466.225 | 500.915 | 498.123 | 500.915 | 466.225 | 385.245 | 300.399 |
| 113.5 | 478.576 | 514.663 | 514.878 | 514.663 | 478.576 | 395.233 | 308.347 |
| 114.0 | 491.035 | 527.980 | 530.773 | 527.980 | 491.035 | 405.114 | 316.294 |
| 114.5 | 504.352 | 541.298 | 545.701 | 541.298 | 504.352 | 415.317 | 324.134 |
| 115.0 | 518.207 | 554.401 | 560.093 | 554.401 | 518.207 | 425.520 | 331.975 |
| 115.5 | 532.921 | 567.504 | 573.948 | 567.504 | 532.921 | 436.046 | 339.815 |
| 116.0 | 547.957 | 580.392 | 587.265 | 580.392 | 547.957 | 446.678 | 347.655 |
| 116.5 | 563.100 | 593.280 | 600.368 | 593.280 | 563.100 | 457.204 | 355.603 |
| 117.0 | 578.136 | 605.846 | 613.256 | 605.846 | 578.136 | 467.944 | 363.336 |
| 117.5 | 592.528 | 618.304 | 626.037 | 618.304 | 592.528 | 478.576 | 371.176 |
| 118.0 | 606.275 | 630.763 | 638.495 | 630.763 | 606.275 | 489.424 | 379.016 |
| 118.5 | 618.949 | 643.114 | 650.846 | 643.114 | 618.949 | 500.164 | 386.856 |
| 119.0 | 630.655 | 655.357 | 663.198 | 655.357 | 630.655 | 510.904 | 394.696 |
| 119.5 | 641.717 | 667.386 | 675.441 | 667.386 | 641.717 | 521.644 | 402.537 |
| 120.0 | 652.565 | 679.415 | 687.470 | 679.415 | 652.565 | 532.384 | 410.270 |
| 120.5 | 663.520 | 692.303 | 699.391 | 692.303 | 663.520 | 543.231 | 418.110 |
| 121.0 | 674.582 | 705.621 | 710.991 | 705.621 | 674.582 | 553.864 | 426.057 |
| 121.5 | 685.752 | 720.120 | 722.160 | 720.120 | 685.752 | 564.389 | 433.790 |
| 122.0 | 696.706 | 735.156 | 734.511 | 735.156 | 696.706 | 575.022 | 441.630 |
| 122.5 | 707.446 | 750.407 | 747.077 | 750.407 | 707.446 | 585.547 | 449.363 |
| 123.0 | 718.187 | 765.657 | 760.180 | 765.657 | 718.187 | 595.965 | 457.204 |
| 123.5 | 728.497 | 780.371 | 774.572 | 780.371 | 728.497 | 606.275 | 465.151 |
| 124.0 | 738.807 | 793.367 | 789.500 | 793.367 | 738.807 | 616.586 | 472.991 |

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : MX2U-4-00-L8-8TW-FA-DIM-UNV 4000K\_.IES**

**CANDELA TABULATION - (Cont.)**

|       |          |          |          |          |          |          |         |
|-------|----------|----------|----------|----------|----------|----------|---------|
| 124.5 | 748.903  | 803.355  | 799.918  | 803.355  | 748.903  | 626.789  | 480.832 |
| 125.0 | 758.999  | 815.384  | 815.169  | 815.384  | 758.999  | 636.992  | 488.779 |
| 125.5 | 768.987  | 826.768  | 829.346  | 826.768  | 768.987  | 647.195  | 496.619 |
| 126.0 | 778.868  | 837.616  | 842.771  | 837.616  | 778.868  | 657.398  | 504.567 |
| 126.5 | 787.352  | 846.745  | 855.015  | 846.745  | 787.352  | 667.386  | 512.515 |
| 127.0 | 795.300  | 856.411  | 865.432  | 856.411  | 795.300  | 677.482  | 520.570 |
| 127.5 | 803.033  | 865.755  | 875.958  | 865.755  | 803.033  | 687.577  | 528.517 |
| 128.0 | 812.377  | 874.776  | 884.765  | 874.776  | 812.377  | 697.566  | 536.465 |
| 128.5 | 821.828  | 883.798  | 893.249  | 883.798  | 821.828  | 707.554  | 544.520 |
| 129.0 | 831.064  | 892.820  | 901.089  | 892.820  | 831.064  | 717.435  | 552.575 |
| 129.5 | 840.945  | 901.412  | 909.896  | 901.412  | 840.945  | 727.530  | 560.630 |
| 130.0 | 850.396  | 909.467  | 918.166  | 909.467  | 850.396  | 737.519  | 568.578 |
| 130.5 | 859.955  | 918.273  | 926.758  | 918.273  | 859.955  | 747.399  | 576.633 |
| 131.0 | 869.084  | 927.080  | 935.243  | 927.080  | 869.084  | 757.280  | 584.688 |
| 131.5 | 878.858  | 935.887  | 944.479  | 935.887  | 878.858  | 767.054  | 592.635 |
| 132.0 | 888.201  | 944.479  | 952.749  | 944.479  | 888.201  | 776.827  | 600.690 |
| 132.5 | 896.793  | 953.716  | 961.985  | 953.716  | 896.793  | 786.493  | 608.638 |
| 133.0 | 905.922  | 961.985  | 971.114  | 961.985  | 905.922  | 794.333  | 616.801 |
| 133.5 | 914.729  | 970.148  | 979.169  | 970.148  | 914.729  | 800.885  | 624.856 |
| 134.0 | 923.536  | 978.740  | 987.869  | 978.740  | 923.536  | 810.658  | 632.911 |
| 134.5 | 932.558  | 985.936  | 995.494  | 985.936  | 932.558  | 819.680  | 641.073 |
| 135.0 | 941.042  | 993.561  | 1003.120 | 993.561  | 941.042  | 828.809  | 649.128 |
| 135.5 | 949.957  | 1000.757 | 1010.530 | 1000.757 | 949.957  | 837.723  | 657.398 |
| 136.0 | 957.797  | 1008.060 | 1017.726 | 1008.060 | 957.797  | 846.852  | 665.668 |
| 136.5 | 966.174  | 1015.686 | 1025.244 | 1015.686 | 966.174  | 855.981  | 673.830 |
| 137.0 | 974.873  | 1022.989 | 1032.333 | 1022.989 | 974.873  | 864.036  | 682.100 |
| 137.5 | 983.143  | 1030.399 | 1039.314 | 1030.399 | 983.143  | 873.058  | 690.477 |
| 138.0 | 991.628  | 1038.455 | 1046.187 | 1038.455 | 991.628  | 882.187  | 698.747 |
| 138.5 | 999.146  | 1046.617 | 1052.954 | 1046.617 | 999.146  | 890.672  | 707.124 |
| 139.0 | 1007.201 | 1054.887 | 1060.472 | 1054.887 | 1007.201 | 899.371  | 715.502 |
| 139.5 | 1015.578 | 1062.942 | 1067.560 | 1062.942 | 1015.578 | 907.641  | 723.879 |
| 140.0 | 1023.096 | 1071.104 | 1075.078 | 1071.104 | 1023.096 | 915.911  | 732.363 |
| 140.5 | 1031.044 | 1078.300 | 1083.670 | 1078.300 | 1031.044 | 923.751  | 740.741 |
| 141.0 | 1038.347 | 1085.818 | 1090.114 | 1085.818 | 1038.347 | 932.343  | 749.225 |
| 141.5 | 1045.865 | 1094.410 | 1097.632 | 1094.410 | 1045.865 | 940.076  | 757.495 |
| 142.0 | 1053.491 | 1101.928 | 1106.224 | 1101.928 | 1053.491 | 947.594  | 765.657 |
| 142.5 | 1060.579 | 1109.446 | 1113.742 | 1109.446 | 1060.579 | 955.112  | 773.820 |
| 143.0 | 1067.560 | 1116.964 | 1121.260 | 1116.964 | 1067.560 | 962.630  | 781.768 |
| 143.5 | 1074.004 | 1124.482 | 1129.852 | 1124.482 | 1074.004 | 969.396  | 788.319 |
| 144.0 | 1081.522 | 1132.000 | 1136.296 | 1132.000 | 1081.522 | 976.914  | 795.193 |
| 144.5 | 1087.966 | 1139.518 | 1144.888 | 1139.518 | 1087.966 | 983.680  | 801.744 |
| 145.0 | 1094.410 | 1145.962 | 1152.406 | 1145.962 | 1094.410 | 990.661  | 808.188 |
| 145.5 | 1099.780 | 1153.480 | 1159.924 | 1153.480 | 1099.780 | 996.783  | 816.243 |
| 146.0 | 1106.224 | 1159.924 | 1167.442 | 1159.924 | 1106.224 | 1003.120 | 823.654 |
| 146.5 | 1110.520 | 1167.442 | 1174.960 | 1167.442 | 1110.520 | 1009.349 | 831.279 |
| 147.0 | 1116.964 | 1173.886 | 1182.478 | 1173.886 | 1116.964 | 1015.256 | 839.012 |
| 147.5 | 1121.260 | 1179.256 | 1188.922 | 1179.256 | 1121.260 | 1021.378 | 846.530 |
| 148.0 | 1126.630 | 1184.626 | 1195.367 | 1184.626 | 1126.630 | 1027.607 | 854.155 |
| 148.5 | 1130.926 | 1189.996 | 1200.737 | 1189.996 | 1130.926 | 1032.870 | 861.566 |
| 149.0 | 1136.296 | 1194.293 | 1206.107 | 1194.293 | 1136.296 | 1038.777 | 869.084 |
| 149.5 | 1140.592 | 1198.589 | 1210.403 | 1198.589 | 1140.592 | 1043.932 | 876.495 |
| 150.0 | 1144.888 | 1201.811 | 1214.699 | 1201.811 | 1144.888 | 1049.732 | 884.120 |
| 150.5 | 1149.184 | 1206.107 | 1216.847 | 1206.107 | 1149.184 | 1054.994 | 891.209 |
| 151.0 | 1153.480 | 1208.255 | 1220.069 | 1208.255 | 1153.480 | 1060.364 | 898.297 |
| 151.5 | 1156.702 | 1210.403 | 1223.291 | 1210.403 | 1156.702 | 1065.305 | 905.708 |
| 152.0 | 1160.998 | 1213.625 | 1224.365 | 1213.625 | 1160.998 | 1070.030 | 912.903 |

**IES INDOOR REPORT****PHOTOMETRIC FILENAME : MX2U-4-00-L8-8TW-FA-DIM-UNV 4000K\_.IES****CANDELA TABULATION - (Cont.)**

|       |          |          |          |          |          |          |          |
|-------|----------|----------|----------|----------|----------|----------|----------|
| 152.5 | 1164.220 | 1215.773 | 1226.513 | 1215.773 | 1164.220 | 1075.078 | 919.670  |
| 153.0 | 1167.442 | 1217.921 | 1228.661 | 1217.921 | 1167.442 | 1079.374 | 926.651  |
| 153.5 | 1170.664 | 1220.069 | 1230.809 | 1220.069 | 1170.664 | 1084.744 | 933.847  |
| 154.0 | 1173.886 | 1222.217 | 1231.883 | 1222.217 | 1173.886 | 1089.040 | 940.613  |
| 154.5 | 1177.108 | 1224.365 | 1234.031 | 1224.365 | 1177.108 | 1092.262 | 946.735  |
| 155.0 | 1179.256 | 1226.513 | 1237.253 | 1226.513 | 1179.256 | 1096.558 | 953.930  |
| 155.5 | 1182.478 | 1229.735 | 1239.401 | 1229.735 | 1182.478 | 1099.780 | 959.515  |
| 156.0 | 1184.626 | 1231.883 | 1241.549 | 1231.883 | 1184.626 | 1104.076 | 966.389  |
| 156.5 | 1186.774 | 1234.031 | 1243.697 | 1234.031 | 1186.774 | 1107.298 | 972.833  |
| 157.0 | 1188.922 | 1236.179 | 1245.845 | 1236.179 | 1188.922 | 1110.520 | 978.525  |
| 157.5 | 1191.070 | 1238.327 | 1247.993 | 1238.327 | 1191.070 | 1113.742 | 984.325  |
| 158.0 | 1193.219 | 1241.549 | 1250.141 | 1241.549 | 1193.219 | 1116.964 | 990.554  |
| 158.5 | 1195.367 | 1242.623 | 1252.289 | 1242.623 | 1195.367 | 1119.112 | 995.709  |
| 159.0 | 1196.441 | 1244.771 | 1253.363 | 1244.771 | 1196.441 | 1122.334 | 1001.616 |
| 159.5 | 1198.589 | 1245.845 | 1254.437 | 1245.845 | 1198.589 | 1124.482 | 1006.771 |
| 160.0 | 1199.663 | 1246.919 | 1256.585 | 1246.919 | 1199.663 | 1126.630 | 1012.356 |
| 160.5 | 1200.737 | 1249.067 | 1257.659 | 1249.067 | 1200.737 | 1128.778 | 1017.941 |
| 161.0 | 1201.811 | 1249.067 | 1258.733 | 1249.067 | 1201.811 | 1130.926 | 1023.204 |
| 161.5 | 1202.885 | 1250.141 | 1259.807 | 1250.141 | 1202.885 | 1133.074 | 1028.359 |
| 162.0 | 1203.959 | 1250.141 | 1260.881 | 1250.141 | 1203.959 | 1135.222 | 1032.977 |
| 162.5 | 1203.959 | 1250.141 | 1260.881 | 1250.141 | 1203.959 | 1137.370 | 1038.132 |
| 163.0 | 1203.959 | 1250.141 | 1261.955 | 1250.141 | 1203.959 | 1139.518 | 1043.180 |
| 163.5 | 1203.959 | 1249.067 | 1261.955 | 1249.067 | 1203.959 | 1141.666 | 1048.121 |
| 164.0 | 1203.959 | 1249.067 | 1259.807 | 1249.067 | 1203.959 | 1143.814 | 1052.202 |
| 164.5 | 1203.959 | 1246.919 | 1259.807 | 1246.919 | 1203.959 | 1144.888 | 1056.820 |
| 165.0 | 1202.885 | 1245.845 | 1257.659 | 1245.845 | 1202.885 | 1145.962 | 1061.438 |
| 165.5 | 1202.885 | 1244.771 | 1256.585 | 1244.771 | 1202.885 | 1148.110 | 1065.842 |
| 166.0 | 1201.811 | 1242.623 | 1254.437 | 1242.623 | 1201.811 | 1149.184 | 1070.138 |
| 166.5 | 1200.737 | 1240.475 | 1252.289 | 1240.475 | 1200.737 | 1149.184 | 1074.004 |
| 167.0 | 1199.663 | 1238.327 | 1250.141 | 1238.327 | 1199.663 | 1150.258 | 1078.300 |
| 167.5 | 1198.589 | 1235.105 | 1246.919 | 1235.105 | 1198.589 | 1151.332 | 1081.522 |
| 168.0 | 1197.515 | 1232.957 | 1243.697 | 1232.957 | 1197.515 | 1152.406 | 1084.744 |
| 168.5 | 1195.367 | 1229.735 | 1240.475 | 1229.735 | 1195.367 | 1152.406 | 1089.040 |
| 169.0 | 1194.293 | 1227.587 | 1236.179 | 1227.587 | 1194.293 | 1152.406 | 1092.262 |
| 169.5 | 1192.145 | 1224.365 | 1231.883 | 1224.365 | 1192.145 | 1152.406 | 1095.484 |
| 170.0 | 1189.996 | 1221.143 | 1229.735 | 1221.143 | 1189.996 | 1152.406 | 1097.632 |
| 170.5 | 1187.848 | 1217.921 | 1225.439 | 1217.921 | 1187.848 | 1153.480 | 1100.854 |
| 171.0 | 1185.700 | 1214.699 | 1222.217 | 1214.699 | 1185.700 | 1152.406 | 1103.002 |
| 171.5 | 1182.478 | 1210.403 | 1217.921 | 1210.403 | 1182.478 | 1152.406 | 1106.224 |
| 172.0 | 1180.330 | 1207.181 | 1213.625 | 1207.181 | 1180.330 | 1151.332 | 1108.372 |
| 172.5 | 1177.108 | 1202.885 | 1210.403 | 1202.885 | 1177.108 | 1150.258 | 1110.520 |
| 173.0 | 1174.960 | 1198.589 | 1205.033 | 1198.589 | 1174.960 | 1150.258 | 1112.668 |
| 173.5 | 1171.738 | 1194.293 | 1199.663 | 1194.293 | 1171.738 | 1149.184 | 1114.816 |
| 174.0 | 1168.516 | 1189.996 | 1195.367 | 1189.996 | 1168.516 | 1148.110 | 1116.964 |
| 174.5 | 1165.294 | 1184.626 | 1189.996 | 1184.626 | 1165.294 | 1147.036 | 1119.112 |
| 175.0 | 1162.072 | 1179.256 | 1185.700 | 1179.256 | 1162.072 | 1145.962 | 1121.260 |
| 175.5 | 1157.776 | 1174.960 | 1179.256 | 1174.960 | 1157.776 | 1144.888 | 1121.260 |
| 176.0 | 1154.554 | 1169.590 | 1172.812 | 1169.590 | 1154.554 | 1142.740 | 1123.408 |
| 176.5 | 1150.258 | 1164.220 | 1166.368 | 1164.220 | 1150.258 | 1140.592 | 1124.482 |
| 177.0 | 1147.036 | 1157.776 | 1159.924 | 1157.776 | 1147.036 | 1138.444 | 1125.556 |
| 177.5 | 1142.740 | 1152.406 | 1153.480 | 1152.406 | 1142.740 | 1137.370 | 1126.630 |
| 178.0 | 1137.370 | 1145.962 | 1147.036 | 1145.962 | 1137.370 | 1134.148 | 1126.630 |
| 178.5 | 1133.074 | 1139.518 | 1139.518 | 1139.518 | 1133.074 | 1133.074 | 1127.704 |
| 179.0 | 1128.778 | 1133.074 | 1132.000 | 1133.074 | 1128.778 | 1129.852 | 1127.704 |
| 179.5 | 1123.408 | 1126.630 | 1125.556 | 1126.630 | 1123.408 | 1127.704 | 1127.704 |
| 180.0 | 1121.260 | 1121.260 | 1121.260 | 1121.260 | 1121.260 | 1121.260 | 1121.260 |

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : MX2U-4-00-L8-8TW-FA-DIM-UNV 4000K\_.IES**

**ZONAL LUMEN SUMMARY**

| Zone    | Lumens  | %Lamp | %Fixt  |
|---------|---------|-------|--------|
| 0-20    | 0.00    | N.A.  | 0.00   |
| 0-30    | 0.00    | N.A.  | 0.00   |
| 0-40    | 0.00    | N.A.  | 0.00   |
| 0-60    | 0.00    | N.A.  | 0.00   |
| 0-80    | 0.00    | N.A.  | 0.00   |
| 0-90    | 0.10    | N.A.  | 0.00   |
| 10-90   | 0.10    | N.A.  | 0.00   |
| 20-40   | 0.00    | N.A.  | 0.00   |
| 20-50   | 0.00    | N.A.  | 0.00   |
| 40-70   | 0.00    | N.A.  | 0.00   |
| 60-80   | 0.00    | N.A.  | 0.00   |
| 70-80   | 0.00    | N.A.  | 0.00   |
| 80-90   | 0.10    | N.A.  | 0.00   |
| 90-110  | 267.93  | N.A.  | 8.10   |
| 90-120  | 700.11  | N.A.  | 21.10  |
| 90-130  | 1268.81 | N.A.  | 38.30  |
| 90-150  | 2447.62 | N.A.  | 73.90  |
| 90-180  | 3310.41 | N.A.  | 100.00 |
| 110-180 | 3042.47 | N.A.  | 91.90  |
| 0-180   | 3310.5  | N.A.  | 100.00 |

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

| Zone    | Lumens |
|---------|--------|
| 0-10    | 0.00   |
| 10-20   | 0.00   |
| 20-30   | 0.00   |
| 30-40   | 0.00   |
| 40-50   | 0.00   |
| 50-60   | 0.00   |
| 60-70   | 0.00   |
| 70-80   | 0.00   |
| 80-90   | 0.10   |
| 90-100  | 45.94  |
| 100-110 | 221.99 |
| 110-120 | 432.18 |
| 120-130 | 568.69 |
| 130-140 | 609.88 |
| 140-150 | 568.93 |
| 150-160 | 457.31 |
| 160-170 | 299.98 |
| 170-180 | 105.50 |

# IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX2U-4-00-L8-8TW-FA-DIM-UNV 4000K\_.IES

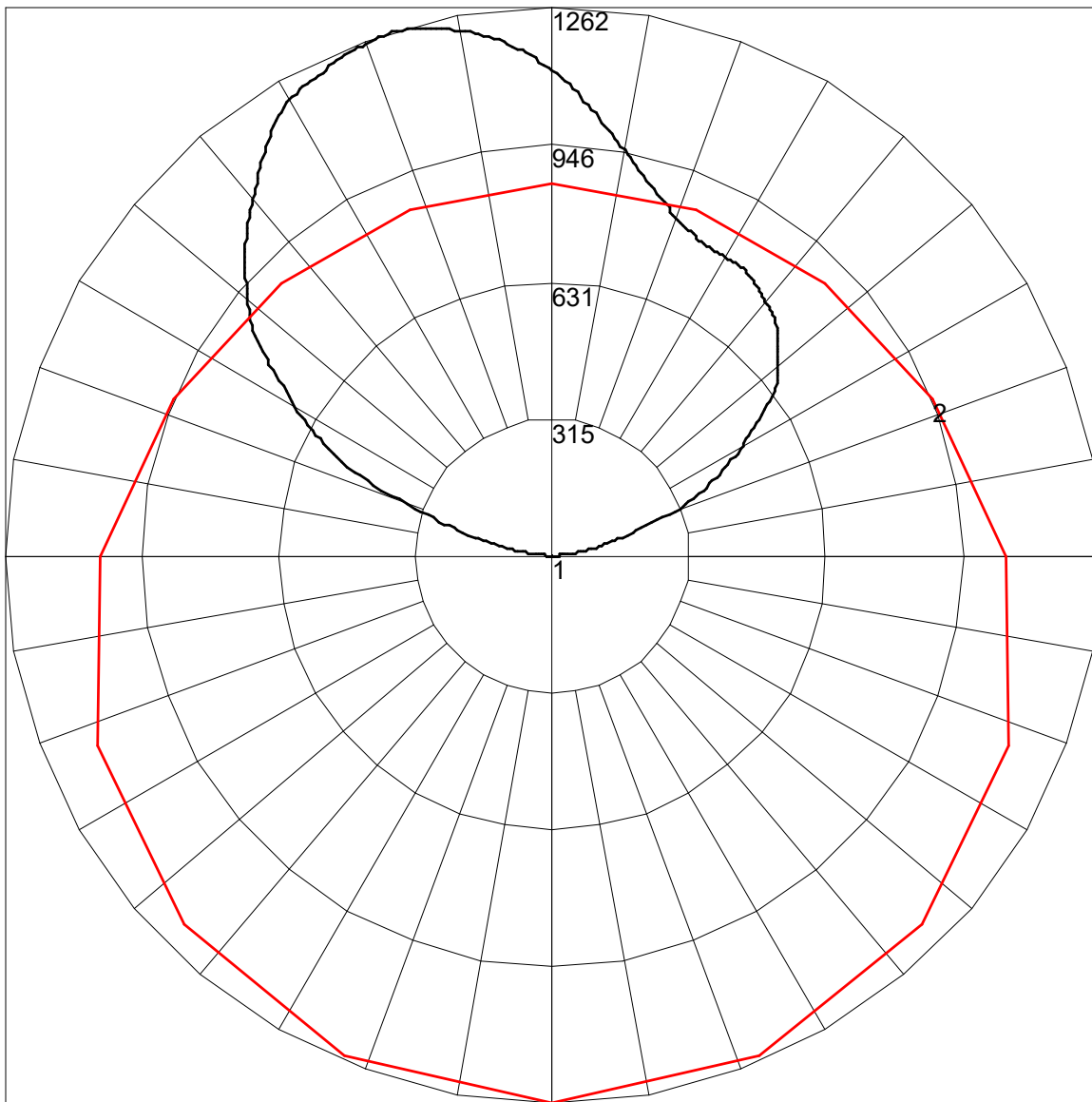
## COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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  | 102 | 102 | 102 | 102 | 87 | 87 | 87 | 87 | 60 | 60 | 60 | 34 | 34 | 34 | 11 | 11 | 11 | 0 |
| 1  | 93  | 89  | 85  | 81  | 79 | 76 | 73 | 70 | 52 | 50 | 48 | 30 | 29 | 28 | 10 | 9  | 9  | 0 |
| 2  | 85  | 77  | 71  | 66  | 72 | 66 | 61 | 57 | 45 | 43 | 40 | 26 | 25 | 23 | 8  | 8  | 8  | 0 |
| 3  | 77  | 68  | 61  | 55  | 66 | 58 | 52 | 48 | 40 | 36 | 33 | 23 | 21 | 20 | 7  | 7  | 6  | 0 |
| 4  | 70  | 60  | 52  | 46  | 60 | 51 | 45 | 40 | 35 | 31 | 28 | 20 | 18 | 17 | 7  | 6  | 5  | 0 |
| 5  | 64  | 53  | 45  | 39  | 55 | 45 | 39 | 34 | 31 | 27 | 24 | 18 | 16 | 14 | 6  | 5  | 5  | 0 |
| 6  | 59  | 47  | 39  | 33  | 50 | 40 | 34 | 29 | 28 | 24 | 21 | 16 | 14 | 12 | 5  | 5  | 4  | 0 |
| 7  | 54  | 42  | 34  | 29  | 46 | 36 | 30 | 25 | 25 | 21 | 18 | 15 | 12 | 11 | 5  | 4  | 4  | 0 |
| 8  | 50  | 38  | 30  | 25  | 43 | 33 | 26 | 22 | 23 | 18 | 16 | 13 | 11 | 9  | 4  | 4  | 3  | 0 |
| 9  | 46  | 34  | 27  | 22  | 39 | 30 | 23 | 19 | 20 | 16 | 14 | 12 | 10 | 8  | 4  | 3  | 3  | 0 |
| 10 | 43  | 31  | 24  | 19  | 37 | 27 | 21 | 17 | 19 | 15 | 12 | 11 | 9  | 7  | 4  | 3  | 2  | 0 |



POLAR GRAPH



Maximum Candela = 1261.955 Located At Horizontal Angle = 270, Vertical Angle = 163  
# 1 - Vertical Plane Through Horizontal Angles (90 - 270)  
# 2 - Horizontal Cone Through Vertical Angle (163) (Through Max. Cd.)