

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : P3918-24-LO-D9.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] 105127679LAX-006  
[TESTLAB] Intertek  
[ISSUE DATE]  
[MANUFAC] Prudential Lighting  
[LUMCAT] P39 and P4018-24-D9 only-LO

### CHARACTERISTICS

|                                 |                    |
|---------------------------------|--------------------|
| Lumens Per Lamp                 | N.A. (absolute)    |
| Total Lamp Lumens               | N.A. (absolute)    |
| Luminaire Lumens                | 733                |
| Total Luminaire Efficiency      | N.A.               |
| Luminaire Efficacy Rating (LER) | 122                |
| Total Luminaire Watts           | 6                  |
| 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            | Circular           |
| Luminous Length (0-180)         | 2.00 ft (Diameter) |
| Luminous Width (90-270)         | 2.00 ft (Diameter) |
| 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                 |

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : P3918-24-LO-D9.IES**

**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>2.5</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>7.5</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>12.5</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>17.5</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>22.5</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>27.5</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>30.0</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>32.5</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>35.0</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>37.5</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>40.0</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>42.5</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>45.0</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>47.5</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>50.0</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>52.5</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>55.0</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>57.5</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>60.0</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>62.5</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>65.0</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>67.5</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>70.0</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>72.5</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>75.0</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>77.5</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>80.0</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>82.5</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>85.0</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>87.5</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>90.0</b>  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>92.5</b>  | 3.872      | 3.751       | 3.685       | 3.366       | 3.201       | 3.366        | 3.685        | 3.751        | 3.872        | 3.751        |
| <b>95.0</b>  | 9.559      | 9.284       | 9.053       | 8.767       | 8.635       | 8.767        | 9.053        | 9.284        | 9.559        | 9.284        |
| <b>97.5</b>  | 16.753     | 16.456      | 16.060      | 15.983      | 15.873      | 15.983       | 16.060       | 16.456       | 16.753       | 16.456       |
| <b>100.0</b> | 24.860     | 24.684      | 24.420      | 24.563      | 24.530      | 24.563       | 24.420       | 24.684       | 24.860       | 24.684       |
| <b>102.5</b> | 33.913     | 33.770      | 33.737      | 33.825      | 33.924      | 33.825       | 33.737       | 33.770       | 33.913       | 33.770       |
| <b>105.0</b> | 43.384     | 43.153      | 43.274      | 43.263      | 43.461      | 43.263       | 43.274       | 43.153       | 43.384       | 43.153       |
| <b>107.5</b> | 53.053     | 52.833      | 52.954      | 52.998      | 53.130      | 52.998       | 52.954       | 52.833       | 53.053       | 52.833       |
| <b>110.0</b> | 62.986     | 62.843      | 62.876      | 63.063      | 63.063      | 63.063       | 62.876       | 62.843       | 62.986       | 62.843       |
| <b>112.5</b> | 73.381     | 73.216      | 73.260      | 73.546      | 73.447      | 73.546       | 73.260       | 73.216       | 73.381       | 73.216       |
| <b>115.0</b> | 83.699     | 83.402      | 83.534      | 83.765      | 83.743      | 83.765       | 83.534       | 83.402       | 83.699       | 83.402       |
| <b>117.5</b> | 94.710     | 94.369      | 94.556      | 94.666      | 94.776      | 94.666       | 94.556       | 94.369       | 94.710       | 94.369       |
| <b>120.0</b> | 105.787    | 105.490     | 105.699     | 105.765     | 105.875     | 105.765      | 105.699      | 105.490      | 105.787      | 105.490      |
| <b>122.5</b> | 117.040    | 116.853     | 116.952     | 117.150     | 117.095     | 117.150      | 116.952      | 116.853      | 117.040      | 116.853      |
| <b>125.0</b> | 128.612    | 128.326     | 128.326     | 128.623     | 128.491     | 128.623      | 128.326      | 128.326      | 128.612      | 128.326      |
| <b>127.5</b> | 140.283    | 139.788     | 139.843     | 140.096     | 140.085     | 140.096      | 139.843      | 139.788      | 140.283      | 139.788      |
| <b>130.0</b> | 151.899    | 151.239     | 151.426     | 151.558     | 151.690     | 151.558      | 151.426      | 151.239      | 151.899      | 151.239      |
| <b>132.5</b> | 163.361    | 162.712     | 162.954     | 162.987     | 163.174     | 162.987      | 162.954      | 162.712      | 163.361      | 162.712      |

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : P3918-24-LO-D9.IES**

**CANDELA TABULATION - (Cont.)**

|       |         |         |         |         |         |         |         |         |         |         |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 135.0 | 174.625 | 173.954 | 174.119 | 174.163 | 174.295 | 174.163 | 174.119 | 173.954 | 174.625 | 173.954 |
| 137.5 | 185.559 | 184.866 | 184.800 | 185.009 | 185.009 | 185.009 | 184.800 | 184.866 | 185.559 | 184.866 |
| 140.0 | 196.020 | 195.283 | 194.997 | 195.426 | 195.404 | 195.426 | 194.997 | 195.283 | 196.020 | 195.283 |
| 142.5 | 205.953 | 205.128 | 204.853 | 205.227 | 205.249 | 205.227 | 204.853 | 205.128 | 205.953 | 205.128 |
| 145.0 | 215.215 | 214.324 | 214.126 | 214.346 | 214.434 | 214.346 | 214.126 | 214.324 | 215.215 | 214.324 |
| 147.5 | 223.685 | 222.761 | 222.574 | 222.717 | 222.805 | 222.717 | 222.574 | 222.761 | 223.685 | 222.761 |
| 150.0 | 231.264 | 230.406 | 230.120 | 230.296 | 230.296 | 230.296 | 230.120 | 230.406 | 231.264 | 230.406 |
| 152.5 | 238.073 | 237.204 | 236.940 | 237.006 | 236.973 | 237.006 | 236.940 | 237.204 | 238.073 | 237.204 |
| 155.0 | 243.859 | 243.045 | 242.781 | 242.847 | 242.814 | 242.847 | 242.781 | 243.045 | 243.859 | 243.045 |
| 157.5 | 248.732 | 247.995 | 247.753 | 247.819 | 247.775 | 247.819 | 247.753 | 247.995 | 248.732 | 247.995 |
| 160.0 | 252.725 | 252.065 | 251.801 | 251.834 | 251.867 | 251.834 | 251.801 | 252.065 | 252.725 | 252.065 |
| 162.5 | 255.992 | 255.343 | 255.079 | 255.079 | 255.101 | 255.079 | 255.079 | 255.343 | 255.992 | 255.343 |
| 165.0 | 258.467 | 257.851 | 257.631 | 257.620 | 257.598 | 257.620 | 257.631 | 257.851 | 258.467 | 257.851 |
| 167.5 | 260.337 | 259.765 | 259.545 | 259.545 | 259.545 | 259.545 | 259.545 | 259.765 | 260.337 | 259.765 |
| 170.0 | 261.734 | 261.195 | 260.975 | 260.964 | 260.997 | 260.964 | 260.975 | 261.195 | 261.734 | 261.195 |
| 172.5 | 262.702 | 262.218 | 261.965 | 261.998 | 262.042 | 261.998 | 261.965 | 262.218 | 262.702 | 262.218 |
| 175.0 | 263.263 | 262.834 | 262.592 | 262.658 | 262.669 | 262.658 | 262.592 | 262.834 | 263.263 | 262.834 |
| 177.5 | 263.571 | 263.131 | 262.933 | 262.966 | 262.977 | 262.966 | 262.933 | 263.131 | 263.571 | 263.131 |
| 180.0 | 263.186 | 263.186 | 263.186 | 263.186 | 263.186 | 263.186 | 263.186 | 263.186 | 263.186 | 263.186 |

| Vert.<br>Angles | Horizontal 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        |
| 2.5             | 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        |
| 7.5             | 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        |
| 12.5            | 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        |
| 17.5            | 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        |
| 22.5            | 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        |
| 27.5            | 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        |
| 32.5            | 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        |
| 37.5            | 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        |
| 42.5            | 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        |
| 47.5            | 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        |
| 52.5            | 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        |
| 57.5            | 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        |
| 62.5            | 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        |
| 67.5            | 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        |
| 72.5            | 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        |
| 77.5            | 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        |

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : P3918-24-LO-D9.IES**

**CANDELA TABULATION - (Cont.)**

|       |         |         |         |         |         |         |         |
|-------|---------|---------|---------|---------|---------|---------|---------|
| 82.5  | 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   |
| 87.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 90.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 92.5  | 3.685   | 3.366   | 3.201   | 3.366   | 3.685   | 3.751   | 3.872   |
| 95.0  | 9.053   | 8.767   | 8.635   | 8.767   | 9.053   | 9.284   | 9.559   |
| 97.5  | 16.060  | 15.983  | 15.873  | 15.983  | 16.060  | 16.456  | 16.753  |
| 100.0 | 24.420  | 24.563  | 24.530  | 24.563  | 24.420  | 24.684  | 24.860  |
| 102.5 | 33.737  | 33.825  | 33.924  | 33.825  | 33.737  | 33.770  | 33.913  |
| 105.0 | 43.274  | 43.263  | 43.461  | 43.263  | 43.274  | 43.153  | 43.384  |
| 107.5 | 52.954  | 52.998  | 53.130  | 52.998  | 52.954  | 52.833  | 53.053  |
| 110.0 | 62.876  | 63.063  | 63.063  | 63.063  | 62.876  | 62.843  | 62.986  |
| 112.5 | 73.260  | 73.546  | 73.447  | 73.546  | 73.260  | 73.216  | 73.381  |
| 115.0 | 83.534  | 83.765  | 83.743  | 83.765  | 83.534  | 83.402  | 83.699  |
| 117.5 | 94.556  | 94.666  | 94.776  | 94.666  | 94.556  | 94.369  | 94.710  |
| 120.0 | 105.699 | 105.765 | 105.875 | 105.765 | 105.699 | 105.490 | 105.787 |
| 122.5 | 116.952 | 117.150 | 117.095 | 117.150 | 116.952 | 116.853 | 117.040 |
| 125.0 | 128.326 | 128.623 | 128.491 | 128.623 | 128.326 | 128.326 | 128.612 |
| 127.5 | 139.843 | 140.096 | 140.085 | 140.096 | 139.843 | 139.788 | 140.283 |
| 130.0 | 151.426 | 151.558 | 151.690 | 151.558 | 151.426 | 151.239 | 151.899 |
| 132.5 | 162.954 | 162.987 | 163.174 | 162.987 | 162.954 | 162.712 | 163.361 |
| 135.0 | 174.119 | 174.163 | 174.295 | 174.163 | 174.119 | 173.954 | 174.625 |
| 137.5 | 184.800 | 185.009 | 185.009 | 185.009 | 184.800 | 184.866 | 185.559 |
| 140.0 | 194.997 | 195.426 | 195.404 | 195.426 | 194.997 | 195.283 | 196.020 |
| 142.5 | 204.853 | 205.227 | 205.249 | 205.227 | 204.853 | 205.128 | 205.953 |
| 145.0 | 214.126 | 214.346 | 214.434 | 214.346 | 214.126 | 214.324 | 215.215 |
| 147.5 | 222.574 | 222.717 | 222.805 | 222.717 | 222.574 | 222.761 | 223.685 |
| 150.0 | 230.120 | 230.296 | 230.296 | 230.296 | 230.120 | 230.406 | 231.264 |
| 152.5 | 236.940 | 237.006 | 236.973 | 237.006 | 236.940 | 237.204 | 238.073 |
| 155.0 | 242.781 | 242.847 | 242.814 | 242.847 | 242.781 | 243.045 | 243.859 |
| 157.5 | 247.753 | 247.819 | 247.775 | 247.819 | 247.753 | 247.995 | 248.732 |
| 160.0 | 251.801 | 251.834 | 251.867 | 251.834 | 251.801 | 252.065 | 252.725 |
| 162.5 | 255.079 | 255.079 | 255.101 | 255.079 | 255.079 | 255.343 | 255.992 |
| 165.0 | 257.631 | 257.620 | 257.598 | 257.620 | 257.631 | 257.851 | 258.467 |
| 167.5 | 259.545 | 259.545 | 259.545 | 259.545 | 259.545 | 259.765 | 260.337 |
| 170.0 | 260.975 | 260.964 | 260.997 | 260.964 | 260.975 | 261.195 | 261.734 |
| 172.5 | 261.965 | 261.998 | 262.042 | 261.998 | 261.965 | 262.218 | 262.702 |
| 175.0 | 262.592 | 262.658 | 262.669 | 262.658 | 262.592 | 262.834 | 263.263 |
| 177.5 | 262.933 | 262.966 | 262.977 | 262.966 | 262.933 | 263.131 | 263.571 |
| 180.0 | 263.186 | 263.186 | 263.186 | 263.186 | 263.186 | 263.186 | 263.186 |

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : P3918-24-LO-D9.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    | 0.00   | N.A.  | 0.00   |
| 10-90   | 0.00   | 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   | 0.00   | N.A.  | 0.00   |
| 90-110  | 57.01  | N.A.  | 7.80   |
| 90-120  | 140.09 | N.A.  | 19.10  |
| 90-130  | 254.99 | N.A.  | 34.80  |
| 90-150  | 523.10 | N.A.  | 71.40  |
| 90-180  | 732.81 | N.A.  | 100.00 |
| 110-180 | 675.80 | N.A.  | 92.20  |
| 0-180   | 732.81 | 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   | 0.00   |
| 90-100  | 11.19  |
| 100-110 | 45.83  |
| 110-120 | 83.08  |
| 120-130 | 114.90 |
| 130-140 | 134.21 |
| 140-150 | 133.90 |
| 150-160 | 111.87 |
| 160-170 | 72.81  |
| 170-180 | 25.03  |

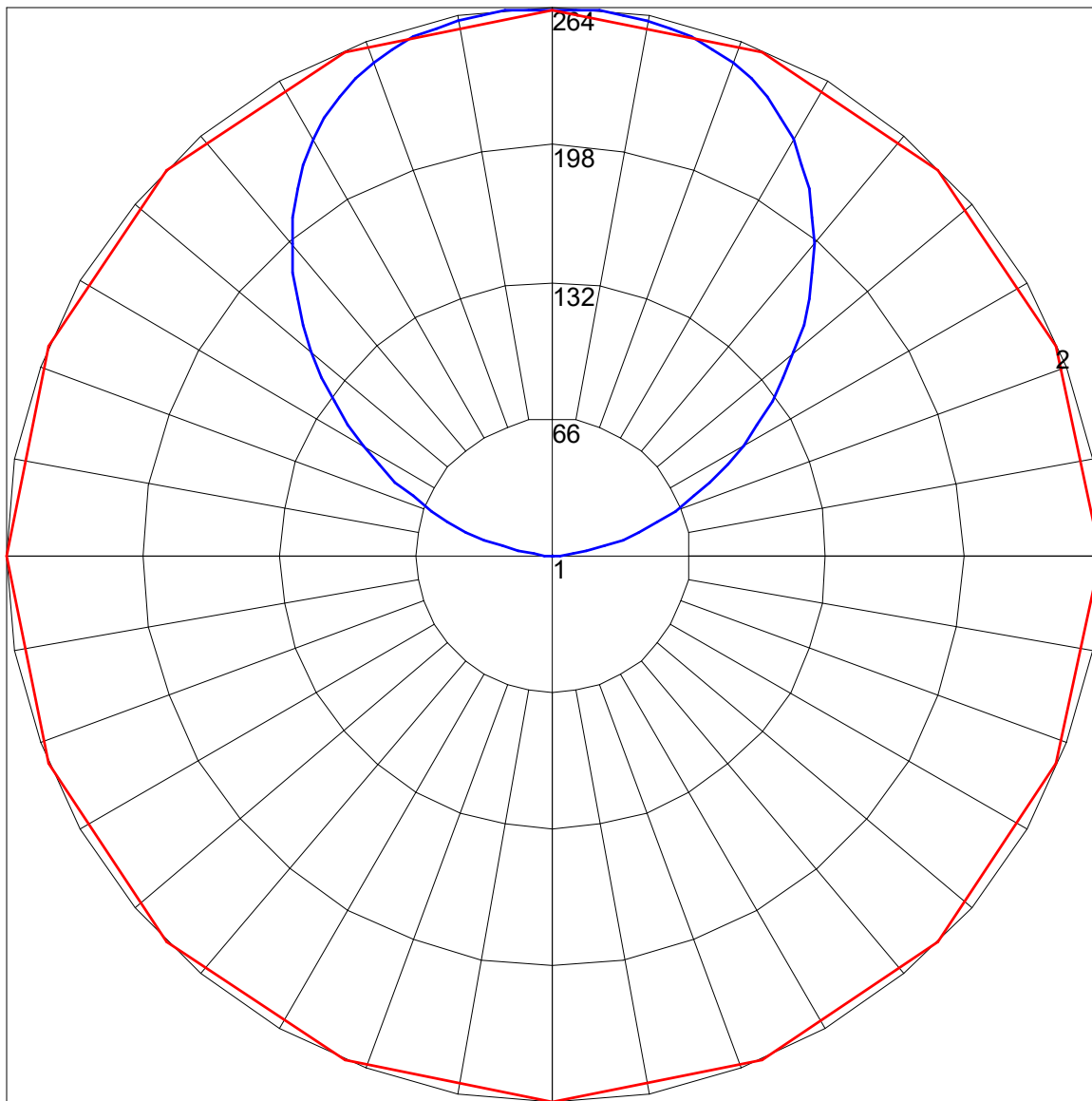
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : P3918-24-LO-D9.IES**

**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

Effective Floor Cavity Reflectance 0.20

| RC<br>RW | 80 |    |    |    | 70 |    |    |    | 50 |    |    | 30 |    |    | 10 |    |    | 0 |
|----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|
|          | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |   |
| 0        | 95 | 95 | 95 | 95 | 81 | 81 | 81 | 81 | 56 | 56 | 56 | 32 | 32 | 32 | 10 | 10 | 10 | 0 |
| 1        | 87 | 83 | 79 | 76 | 74 | 71 | 68 | 65 | 48 | 47 | 45 | 28 | 27 | 26 | 9  | 9  | 8  | 0 |
| 2        | 79 | 72 | 66 | 62 | 67 | 62 | 57 | 53 | 42 | 40 | 37 | 24 | 23 | 22 | 8  | 7  | 7  | 0 |
| 3        | 72 | 63 | 56 | 51 | 61 | 54 | 49 | 44 | 37 | 34 | 31 | 21 | 20 | 18 | 7  | 6  | 6  | 0 |
| 4        | 65 | 56 | 48 | 43 | 56 | 48 | 42 | 37 | 33 | 29 | 26 | 19 | 17 | 16 | 6  | 6  | 5  | 0 |
| 5        | 60 | 49 | 42 | 36 | 51 | 42 | 36 | 32 | 29 | 25 | 22 | 17 | 15 | 13 | 5  | 5  | 4  | 0 |
| 6        | 55 | 44 | 36 | 31 | 47 | 38 | 32 | 27 | 26 | 22 | 19 | 15 | 13 | 11 | 5  | 4  | 4  | 0 |
| 7        | 50 | 39 | 32 | 27 | 43 | 34 | 28 | 23 | 23 | 19 | 17 | 14 | 11 | 10 | 4  | 4  | 3  | 0 |
| 8        | 47 | 35 | 28 | 23 | 40 | 30 | 24 | 20 | 21 | 17 | 14 | 12 | 10 | 9  | 4  | 3  | 3  | 0 |
| 9        | 43 | 32 | 25 | 20 | 37 | 27 | 22 | 18 | 19 | 15 | 13 | 11 | 9  | 8  | 4  | 3  | 3  | 0 |
| 10       | 40 | 29 | 22 | 18 | 34 | 25 | 19 | 16 | 17 | 14 | 11 | 10 | 8  | 7  | 3  | 3  | 2  | 0 |

POLAR GRAPH



Maximum Candela = 263.571 Located At Horizontal Angle = 0, Vertical Angle = 177.5  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (177.5) (Through Max. Cd.)