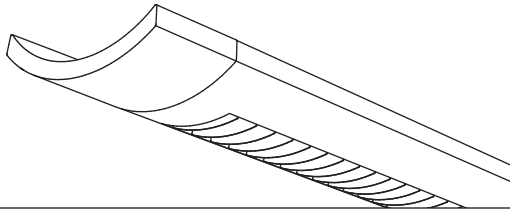


# Sona™



Suspended  
 Direct/Indirect (High Performance)  
 3 T8



Project Name

Spec Type

Notes




## Order Guide

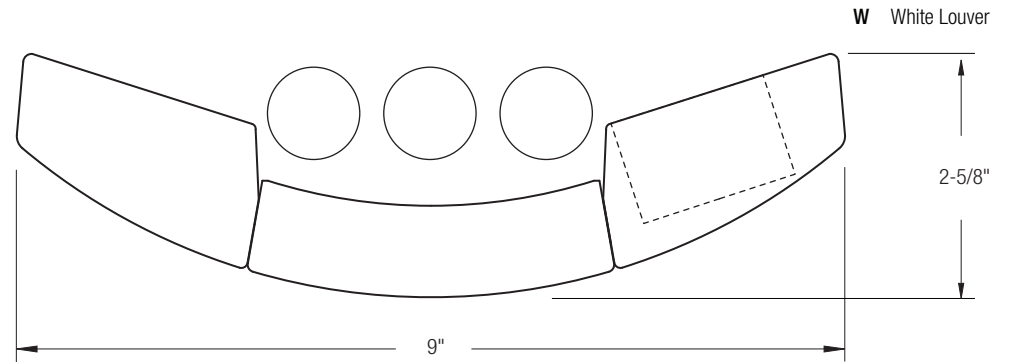
Some combinations of product options may not be available. Consult factory for assistance with your specification.

|  |                 |  |                               |  |  |  |  |  |  |
|--|-----------------|--|-------------------------------|--|--|--|--|--|--|
| <b>7707</b>  | <b>T03</b>      |  |                               | -  |  | -  |  | -  |  |
| Product Series & Type<br>Sona Direct/Indirect (High Performance) | Lamping<br>3 T8 | Lower Optics<br><b>P</b> Semi-Specular Louver<br><b>W</b> White Louver | Upper Optics<br><b>N</b> None | Run Length<br><i>Enter the total run length in feet (4ft increments)</i> | Wiring<br><b>1</b> 1 cct<br><b>2</b> 2 cct<br><b>3</b> 1 cct w/ Emergency cct<br><b>4</b> 2 cct w/ Emergency cct<br><b>5</b> 1 cct w/ Battery Pack<br><b>6</b> 2 cct w/ Battery Pack<br><b>7</b> 1 cct Dimming | Voltage<br><b>1</b> 120V<br><b>2</b> 277V<br><b>3</b> 347V | Ballast<br><b>E</b> Standard Ballast<br><br>Consult website for ballast manufacturer information | Color & Finish<br><b>W</b> Standard White<br><b>C</b> Factory Color<br><b>X</b> Custom Color<br><br>Consult website for color and finish options |  |
| <b>Mounting Hardware</b>   |                 |  |                               |  |  |  |  |  |  |
|  |                 |  |                               |  |  |  |  |  |  |
|  |                 |  |                               | Mount Type   |  | Suspension Length  |  |  |  |
|  |                 |  |                               | Consult separate mounting spec sheet for mount type options              |  | Enter distance from ceiling to top of fixture in inches    |  |  |  |

## Upgrades & Accessories

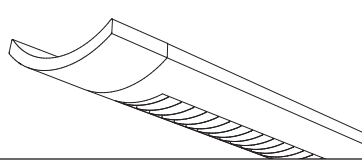
Please indicate with check mark.

|  |   |
|--|---|
| <input type="checkbox"/> Lamps Included  | <input type="checkbox"/> Lamps Included and Installed   |
| <input type="checkbox"/> Flat Endcap<br>See details on reverse   | <input type="checkbox"/> Dust Cover<br>Only available with upper optics option N<br> |
| <input type="checkbox"/> Response Daylight (Integrated Controls)<br>For details visit <a href="http://www.ledalite.com/response">www.ledalite.com/response</a> |   |



# Sona™

Suspended  
Direct/Indirect (High Performance)  
3 T8



## Photometry Optics WN White Louver

### Report Summary

Report # 9900923  
Filename 7707T03WN.ies  
Efficiency 87.8%

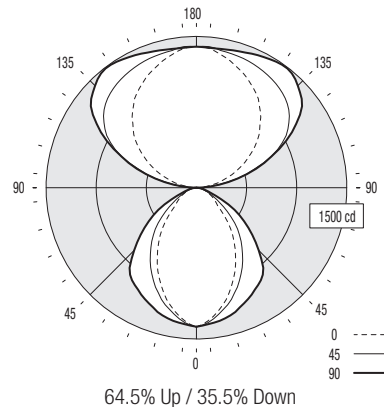
Peak Candela Value\* 1490 @ 143°  
Peak to Zenith Ratio\* 1.1 : 1

\* Between 90-180° vertical angle

Meets RP-1-04 recommendations for VDT-Normal spaces

### Candela Distribution

| Vertical Angle | Horizontal Angle |      |      |      |      | Zonal Lumens |
|----------------|------------------|------|------|------|------|--------------|
|                | 0                | 22.5 | 45   | 67.5 | 90   |              |
| 0              | 1379             | 1379 | 1379 | 1379 | 1379 |              |
| 5              | 1326             | 1350 | 1343 | 1360 | 1358 | 128          |
| 15             | 1148             | 1167 | 1203 | 1281 | 1311 | 342          |
| 25             | 912              | 943  | 1015 | 1142 | 1218 | 479          |
| 35             | 655              | 709  | 801  | 994  | 1121 | 529          |
| 45             | 394              | 461  | 581  | 785  | 879  | 472          |
| 55             | 227              | 247  | 331  | 489  | 581  | 331          |
| 65             | 135              | 143  | 155  | 238  | 275  | 188          |
| 75             | 72               | 70   | 67   | 84   | 96   | 82           |
| 85             | 16               | 16   | 14   | 19   | 19   | 21           |
| 90             | 0                | 0    | 0    | 0    | 0    | 0            |
| 95             | 64               | 111  | 143  | 119  | 139  | 136          |
| 105            | 261              | 427  | 513  | 489  | 522  | 477          |
| 115            | 485              | 675  | 893  | 877  | 913  | 775          |
| 125            | 711              | 860  | 1126 | 1211 | 1261 | 932          |
| 135            | 897              | 1011 | 1253 | 1386 | 1430 | 930          |
| 145            | 1077             | 1146 | 1313 | 1447 | 1489 | 813          |
| 155            | 1198             | 1246 | 1351 | 1425 | 1450 | 618          |
| 165            | 1302             | 1320 | 1374 | 1403 | 1411 | 386          |
| 175            | 1389             | 1378 | 1405 | 1393 | 1394 | 134          |
| 180            | 1399             | 1399 | 1399 | 1399 | 1399 |              |



### Coefficients of Utilization (%)

| Ceiling: | 80 |    |    |    | 70 |    |    |    | 50 |    |    |   | 0  |    |    |    |   |
|----------|----|----|----|----|----|----|----|----|----|----|----|---|----|----|----|----|---|
|          | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 0 | 70 | 50 | 30 | 10 | 0 |
| 0 RCR    | 90 | 90 | 90 | 90 | 81 | 81 | 81 | 65 | 65 | 65 | 29 |   |    |    |    |    |   |
| 1        | 83 | 79 | 76 | 73 | 74 | 72 | 69 | 57 | 55 | 54 | 25 |   |    |    |    |    |   |
| 2        | 76 | 70 | 65 | 60 | 68 | 63 | 59 | 51 | 48 | 45 | 22 |   |    |    |    |    |   |
| 3        | 69 | 62 | 56 | 51 | 62 | 56 | 51 | 45 | 41 | 38 | 19 |   |    |    |    |    |   |
| 4        | 63 | 55 | 48 | 43 | 57 | 50 | 44 | 40 | 36 | 33 | 16 |   |    |    |    |    |   |
| 5        | 58 | 49 | 42 | 37 | 52 | 44 | 39 | 36 | 32 | 29 | 15 |   |    |    |    |    |   |
| 6        | 54 | 44 | 37 | 32 | 48 | 40 | 34 | 32 | 28 | 25 | 13 |   |    |    |    |    |   |
| 7        | 50 | 39 | 33 | 28 | 45 | 36 | 30 | 29 | 25 | 22 | 12 |   |    |    |    |    |   |
| 8        | 46 | 36 | 29 | 25 | 41 | 33 | 27 | 27 | 23 | 20 | 10 |   |    |    |    |    |   |
| 9        | 43 | 33 | 26 | 22 | 39 | 30 | 24 | 25 | 20 | 17 | 9  |   |    |    |    |    |   |
| 10       | 40 | 30 | 24 | 20 | 36 | 27 | 22 | 23 | 18 | 16 | 9  |   |    |    |    |    |   |

Based on a floor reflectance of 0.2

### Avg. Luminance (cd/m<sup>2</sup>)

| Vertical Angle | Horizontal Angle |      |      |
|----------------|------------------|------|------|
|                | 0                | 45   | 90   |
| 55             | 3226             | 4704 | 8257 |
| 65             | 2604             | 2990 | 5304 |
| 75             | 2268             | 2110 | 3024 |
| 85             | 1496             | 1309 | 1777 |

IES files for this and other photometric options can be downloaded online at [www.ledalite.com](http://www.ledalite.com)

## Additional Information

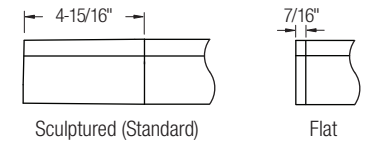
### Modules

Module length excludes endcaps.  
Nominal mount spacing for individually mounted modules.

| Module | Mount Spacing |
|--------|---------------|
| 4ft    | 4' 0"         |
| 8ft    | 8' 0"         |
| 12ft*  | 12' 0"        |

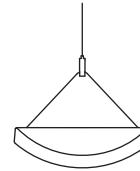
\*12ft not available with Direct/Indirect

### Endcap



### Sling Mount Detail

Fixture uses 1/16" steel sling-mounted aircraft cable for horizontal leveling.



## Specifications

Due to continuing product improvements, Ledalite reserves the right to change specifications without notice.

### Housing

Die-formed 20 gauge cold-rolled steel.

### Weight

3.4 lb/ft.

### Optical System

Direct/Indirect: Constructed of 96% reflective white steel and specular aluminum to produce a direct/indirect distribution. Semi-specular louvers are aluminum and spaced 1-7/16" apart. White baffles are spaced 1-5/16" apart. Standard distribution is 70% up and 30% down. Optional field-installable Variable Optics kits provide additional downlight as required.

Semi-Indirect: Constructed of 96% reflective white steel with perforated housing and acrylic overlay to produce a semi-indirect distribution. Perforated housing available in round or slot perforation patterns.

High performance options use additional highly-specular aluminum reflectors.

### Endcaps

Available with either die-cast sculptured endcaps (standard) or flat die-cast endcaps (option).

### Joints

Self-aligning joining system with hands-free pre-joining wire access.

### Mounting

Fixture uses 1/16" steel sling-mounted aircraft cable for horizontal leveling. Aircraft cable gripper provides continuous vertical adjustment capability. Aircraft cable, crimp and cable gripper are independently tested to meet stringent safety requirements.

### Electrical

Factory pre-wired to section ends with quick-wire connectors.

### Ballast

Electronic.

### Approvals

Certified to UL and CSA standards.

### Finish

High-quality powder coat. Available in Ledalite Standard White (textured matte finish), and a selection of other factory and customer-specified colors. Consult factory for details.