

# Sona™



Suspended  
Direct/Indirect  
2 T5HO



Project Name

Spec Type

Notes

## Order Guide

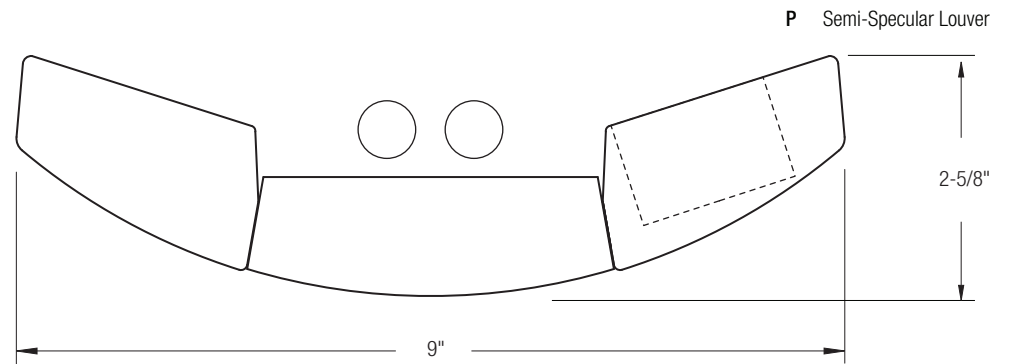
Some combinations of product options may not be available. Consult factory for assistance with your specification.

<b>7706</b>	<b>H02</b>	<input type="text"/>	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>
<b>Product Series &amp; Type</b> Sona Direct/Indirect	<b>Lamping</b> 2 T5HO	<b>Lower Optics</b> <b>P</b> Semi-Specular Louver <b>W</b> White Louver	<b>Upper Optics</b> <b>N</b> None <b>D</b> 60% Down Kit <b>G</b> 80% Down Kit <b>J</b> 100% Down Kit	<b>Run Length</b> <i>Enter the total run length in feet (4ft increments)</i>	<b>Wiring</b> <b>1</b> 1 cct <b>2</b> 2 cct <b>3</b> 1 cct w/ Emergency cct <b>4</b> 2 cct w/ Emergency cct <b>5</b> 1 cct w/ Battery Pack <b>6</b> 2 cct w/ Battery Pack <b>7</b> 1 cct Dimming	<b>Voltage</b> <b>1</b> 120V <b>2</b> 277V <b>3</b> 347V	<b>Ballast</b> <b>E</b> Standard Ballast  Consult website for ballast manufacturer information	<b>Color &amp; Finish</b> <b>W</b> Standard White <b>C</b> Factory Color <b>X</b> Custom Color  Consult website for color and finish options			
<b>Mounting Hardware</b>											
<input type="text"/>						<input type="text"/>					
<b>Mount Type</b> Consult separate mounting spec sheet for mount type options						<b>Suspension Length</b> <i>Enter distance from ceiling to top of fixture in inches</i>					

## Upgrades & Accessories

Please indicate with check mark.

<input type="checkbox"/> Lamps Included	<input checked="" type="checkbox"/> Lamps Included and Installed
<input type="checkbox"/> Flat Endcap See details on reverse	
<input type="checkbox"/> Response Daylight (Integrated Controls) For details visit <a href="http://www.ledalite.com/response">www.ledalite.com/response</a>	



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## Photometry Optics PJ Semi-Specular Louver w/ 100% Down Kit

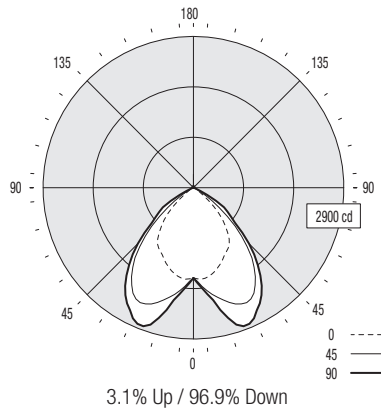
### Report Summary

**Report #** 9900867 **Peak Candela Value\*** N/A  
**Filename** 7706H02PJ.ies **Peak to Zenith Ratio\*** N/A : 1  
**Efficiency** 50% \* 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	1731	1731	1731	1731	1731	
5	1760	1819	1899	1922	1935	187
15	1647	1900	2229	2501	2585	622
25	1420	1810	2431	2732	2764	1039
35	1203	1779	2082	2272	2296	1213
45	690	1132	1314	1472	1514	953
55	148	265	448	666	802	432
65	41	52	58	121	149	100
75	11	12	11	10	8	13
85	2	2	1	2	1	2
90	0	0	0	0	0	0
95	3	4	5	6	6	4
105	5	7	8	8	9	8
115	9	12	15	11	11	12
125	10	14	18	21	23	16
135	12	16	20	23	24	16
145	15	22	22	25	27	15
155	17	24	26	27	28	12
165	17	19	27	31	31	7
175	18	18	18	19	18	2
180	18	18	18	18	18	



### Coefficients of Utilization (%)

Ceiling: Wall:	80				70				50				0			
	70	50	30	10	70	50	30	10	50	30	10	0	70	50	30	10
0 RCR	59	59	59	59	57	57	57	55	55	55	49					
1	55	54	52	51	54	52	51	50	49	48	44					
2	52	49	46	44	50	48	45	46	44	42	39					
3	48	44	41	38	47	43	40	42	39	37	35					
4	45	40	36	33	43	39	36	38	35	33	31					
5	41	36	32	30	40	35	32	34	31	29	27					
6	38	33	29	26	38	32	29	31	28	26	24					
7	36	30	26	24	35	30	26	29	26	23	22					
8	33	28	24	21	33	27	24	26	23	21	20					
9	31	25	22	19	31	25	22	24	21	19	18					
10	29	23	20	17	29	23	20	23	19	17	16					

Based on a floor reflectance of 0.2

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

Vertical Angle	Horizontal Angle		
	0	45	90
55	2103	6367	11398
65	791	1119	2874
75	346	346	252
85	187	94	94

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

## Additional Information

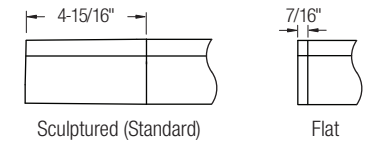
### Modules

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

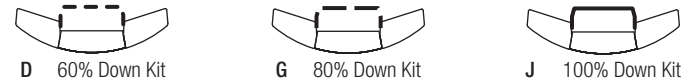


### Sling Mount Detail

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



### Upper Optics



## 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.