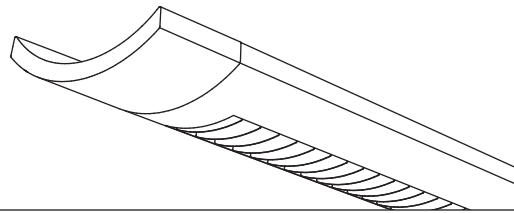


# Sona™



Suspended  
Direct/Indirect  
1 T5HO



Project Name

Spec Type

Notes

## Order Guide

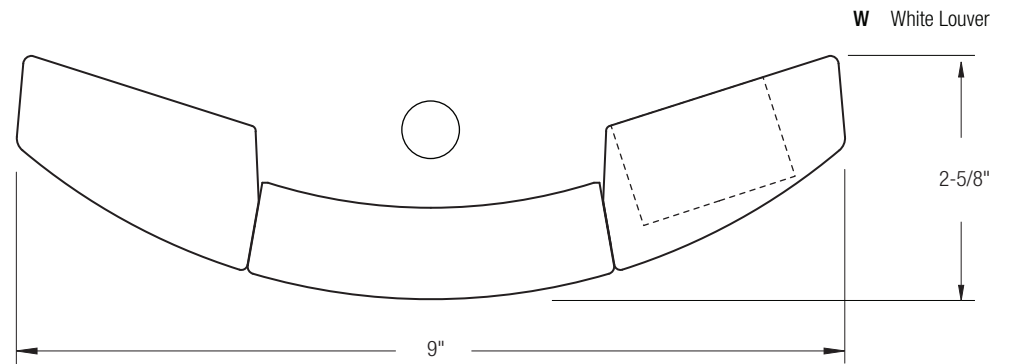
Some combinations of product options may not be available. Consult factory for assistance with your specification.

<b>7706</b>	<b>H01</b>			-		-		-		
<b>Product Series &amp; Type</b> Sona Direct/Indirect	<b>Lamping</b> 1 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>3</b> 1 cct w/ Emergency cct <b>5</b> 1 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>
		See details on reverse	See details on reverse	See details on reverse	Consult website for complete list of standard wiring options					

## Upgrades & Accessories

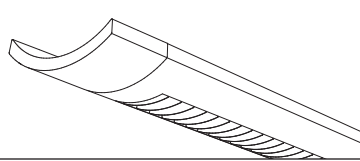
Please indicate with check mark.

<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>	



# Sona™

Suspended  
Direct/Indirect  
1 T5HO



## Photometry Optics WG White Louver w/ 80% Down Kit

### Report Summary

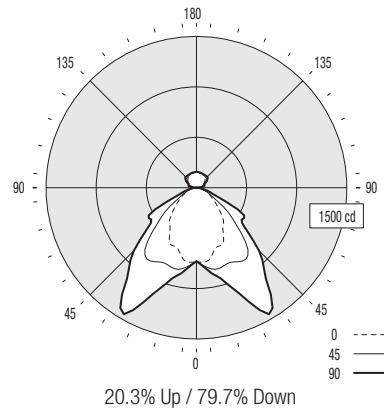
Report # 9900935  
Filename 7706H01WG.ies  
Efficiency 63.3%

Peak Candela Value\* 157 @ 178°  
Peak to Zenith Ratio\* 1 : 1

\* Between 90-180° vertical angle

### Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	731	731	731	731	731	
5	743	751	774	774	784	75
15	658	737	833	913	930	232
25	619	679	816	1100	1254	409
35	460	562	863	1212	1295	540
45	336	431	627	790	883	469
55	208	241	327	429	550	316
65	128	134	140	290	316	193
75	62	64	62	84	107	80
85	14	15	13	19	21	19
90	0	0	0	0	0	
95	11	21	36	32	24	28
105	43	58	64	79	83	68
115	72	88	102	80	84	89
125	100	109	131	131	129	108
135	120	122	136	151	153	106
145	137	135	141	147	150	90
155	147	146	149	145	150	68
165	153	151	147	153	155	43
175	155	155	156	156	156	16
180	157	157	157	157	157	



### Coefficients of Utilization (%)

Ceiling:	80					70					50					0				
	70	50	30	10	0	70	50	30	10	0	70	50	30	10	0	70	50	30	10	0
0 RCR	72	72	72	72	72	69	69	69	63	63	63	63	63	50						
1	66	64	61	59	63	61	59	56	54	53	43									
2	61	56	53	49	58	54	51	50	47	45	37									
3	56	50	45	42	53	48	44	44	41	38	32									
4	51	44	39	36	49	43	38	40	36	33	27									
5	47	40	35	31	45	38	33	35	31	28	24									
6	44	36	31	27	42	34	30	32	28	25	21									
7	40	32	27	24	38	31	26	29	25	22	19									
8	37	29	24	21	36	28	24	27	22	20	17									
9	35	27	22	19	33	26	21	24	20	18	15									
10	33	25	20	17	31	24	19	22	18	16	13									

Based on a floor reflectance of 0.2

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

Vertical Angle	Horizontal Angle		
	0	45	90
55	2956	4647	7816
65	2469	2700	6095
75	1953	1953	3370
85	1309	1216	1964

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

## Additional Information

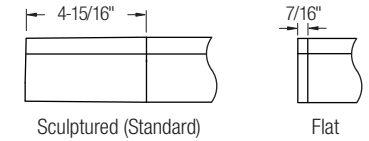
### Modules

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

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

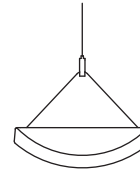
\*12ft not available with Direct/Indirect

### Endcap

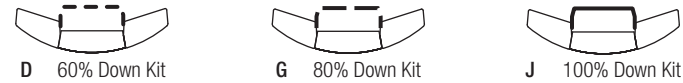


### Sling Mount Detail

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.