

# Sona™



Project Name

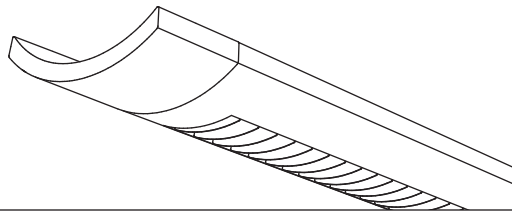
Spec Type

Notes

Suspended

Direct/Indirect

2 T5




## Order Guide

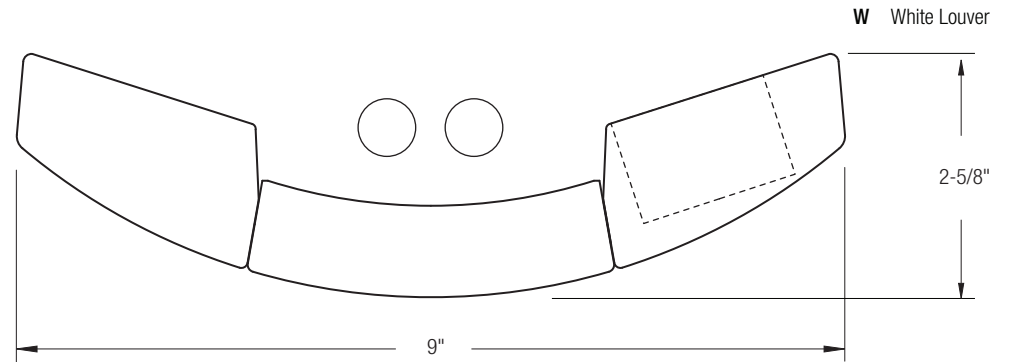
Some combinations of product options may not be available. Consult factory for assistance with your specification.

<b>7706</b>	<b>F02</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 T5	<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 type="checkbox"/> Lamps Included and Installed
<input type="checkbox"/> Flat Endcap See details on reverse	<input type="checkbox"/> Dust Cover Only available with upper optics option N 
<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  
2 T5



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

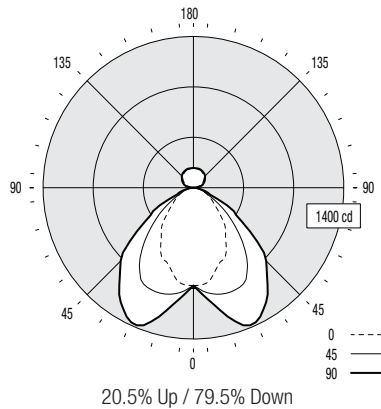
### Report Summary

**Report #** 9900914 **Peak Candela Value\*** 183 @ 165°  
**Filename** 7706F02WG.ies **Peak to Zenith Ratio\*** 1 : 1  
**Efficiency** 54.9% \* 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	907	907	907	907	907	
5	903	923	958	964	994	94
15	792	902	1019	1147	1235	289
25	703	809	1017	1285	1374	474
35	521	666	878	1124	1206	549
45	351	474	598	822	958	490
55	219	247	336	484	556	331
65	137	140	147	246	248	181
75	67	69	66	82	102	80
85	15	16	14	18	18	19
90	0	0	0	0	0	
95	14	21	34	30	19	28
105	50	63	77	80	80	74
115	86	98	109	104	106	100
125	115	124	135	127	129	113
135	138	143	153	153	153	115
145	157	159	165	166	168	103
155	170	170	175	174	177	80
165	178	177	175	182	183	52
175	181	182	182	182	182	17
180	182	182	182	182	182	



### Coefficients of Utilization (%)

Ceiling:	80				70				50				0
	70	50	30	10	70	50	30	10	50	30	10	0	
0 RCR	62	62	62	62	59	59	59	54	54	54	43		
1	58	55	53	52	55	53	51	49	47	46	37		
2	53	49	46	43	50	47	44	43	41	39	32		
3	49	44	40	37	46	42	38	39	36	33	28		
4	45	39	35	31	43	37	33	35	31	29	24		
5	41	35	30	27	39	34	30	31	28	25	21		
6	38	31	27	24	36	30	26	28	25	22	19		
7	35	29	24	21	34	28	23	26	22	20	17		
8	33	26	22	19	31	25	21	24	20	18	15		
9	31	24	20	17	29	23	19	22	18	16	13		
10	29	22	18	15	27	21	17	20	17	14	12		

Based on a floor reflectance of 0.2

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

Vertical Angle	Horizontal Angle		
	0	45	90
55	3112	4775	7902
65	2642	2835	4783
75	2110	2079	3212
85	1403	1309	1684

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

## Additional Information

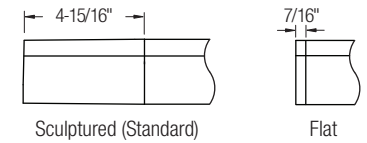
### Modules

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

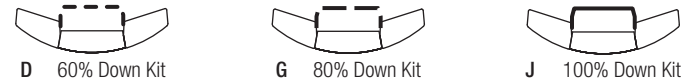


### Sling Mount Detail

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.