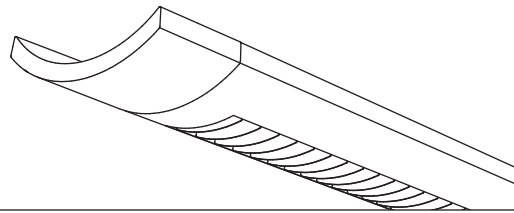


# Sona™



Suspended  
Direct/Indirect  
2 T8



Project Name

Spec Type

Notes


## Order Guide

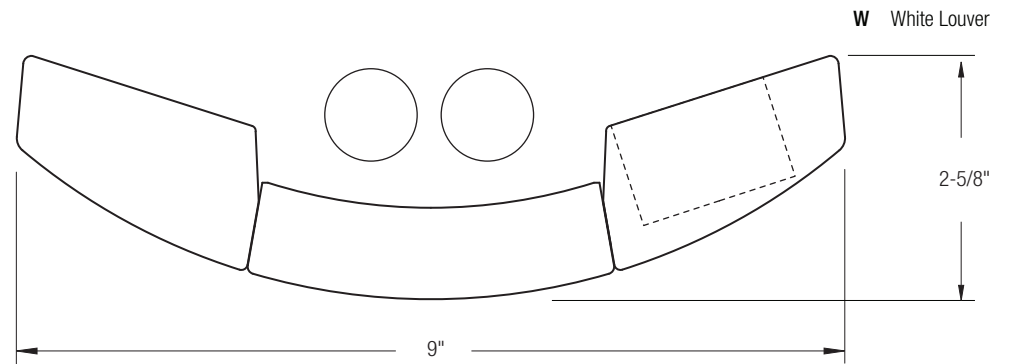
Some combinations of product options may not be available. Consult factory for assistance with your specification.

<b>7706</b>	<b>T02</b>			-		-		-	
<b>Product Series &amp; Type</b> Sona Direct/Indirect	<b>Lamping</b> 2 T8	<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>									
<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

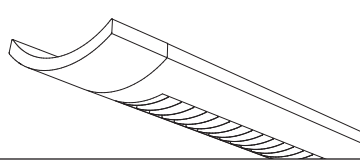
Please indicate with check mark.

<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 TB



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

### Report Summary

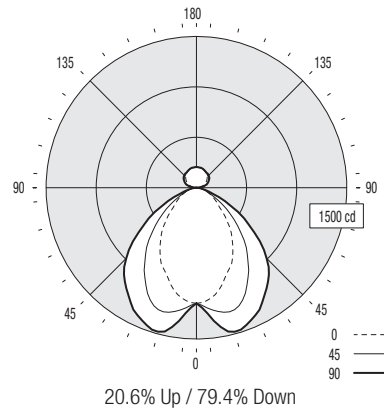
Report # 9900930  
Filename 7706T02WG.ies  
Efficiency 59.7%

Peak Candela Value\* 205 @ 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	1147	1147	1147	1147	1147	
5	1127	1150	1196	1222	1249	118
15	994	1098	1274	1419	1479	353
25	831	979	1155	1316	1394	524
35	621	781	897	1107	1219	579
45	407	516	623	847	990	515
55	244	269	366	539	636	363
65	147	156	163	256	313	201
75	72	76	71	89	99	86
85	17	19	16	19	16	21
90	0	0	0	0	0	
95	16	27	40	36	29	34
105	59	78	95	94	92	89
115	94	109	129	129	129	118
125	126	131	152	154	157	129
135	151	152	163	171	172	125
145	173	173	175	176	179	110
155	189	188	190	186	190	87
165	199	198	198	201	201	56
175	204	204	204	203	203	19
180	205	205	205	205	205	



### 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	68	68	68	68	65	65	65	59	59	59	46						
1	63	60	58	56	60	58	56	53	51	50	41						
2	58	53	50	47	55	51	48	47	45	42	35						
3	53	48	43	40	50	46	42	42	39	36	30						
4	49	42	38	34	46	41	37	38	34	32	27						
5	45	38	33	30	43	37	32	34	30	28	23						
6	42	35	30	26	40	33	29	31	27	24	21						
7	39	31	27	23	37	30	26	28	25	22	18						
8	36	29	24	21	34	28	23	26	22	20	17						
9	34	26	22	19	32	25	21	24	20	18	15						
10	32	24	20	17	30	24	19	22	18	16	14						

Based on a floor reflectance of 0.2

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

Vertical Angle	Horizontal Angle		
	0	45	90
55	3468	5201	9039
65	2835	3144	6037
75	2268	2236	3118
85	1590	1496	1496

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

## Additional Information

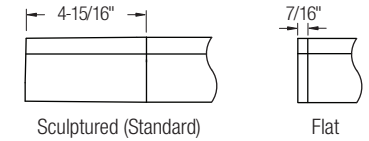
### Modules

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

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

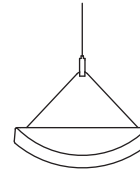
\*12ft not available with Direct/Indirect

### Endcap

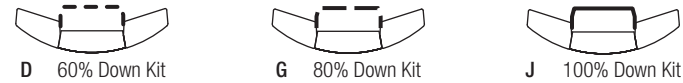


### Sling Mount Detail

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.