

# Sona™



Suspended  
Direct/Indirect  
2 T8



Project Name

Spec Type

Notes


## Order Guide

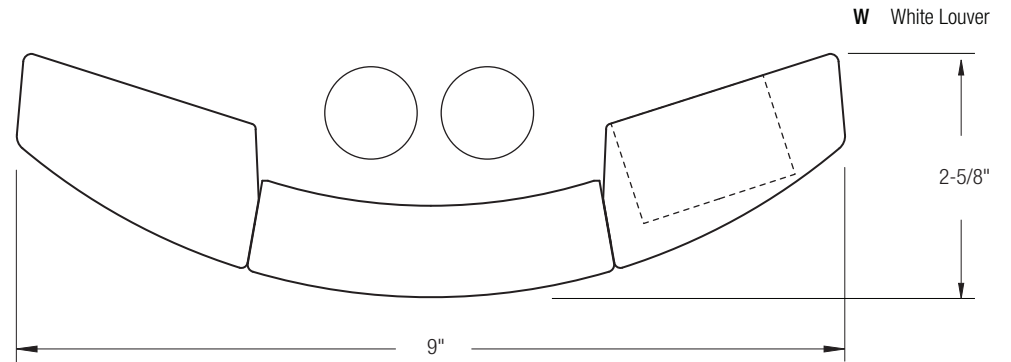
Some combinations of product options may not be available. Consult factory for assistance with your specification.

<b>7706</b>	<b>T02</b>			-		-		-	
Product Series & Type Sona Direct/Indirect	Lamping 2 T8	Lower Optics <b>P</b> Semi-Specular Louver <b>W</b> White Louver	Upper Optics <b>N</b> None <b>D</b> 60% Down Kit <b>G</b> 80% Down Kit <b>J</b> 100% Down Kit	Run Length <i>Enter the total run length in feet (4ft increments)</i>	Wiring <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	Voltage <b>1</b> 120V <b>2</b> 277V <b>3</b> 347V	Ballast <b>E</b> Standard Ballast  Consult website for ballast manufacturer information	Color & Finish <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>									
				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 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>	



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Direct/Indirect  
2 TB



## Photometry Optics WD White Louver w/ 60% Down Kit

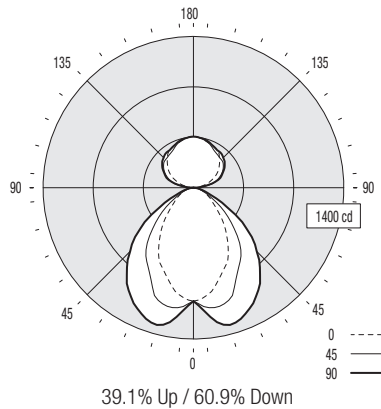
### Report Summary

Report # 9900929 Peak Candela Value\*  
 Filename 7706T02WD.ies Peak to Zenith Ratio\* 1 : 1  
 Efficiency 68.9% \* 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	1050	1050	1050	1050	1050	
5	1024	1058	1104	1130	1144	108
15	889	979	1112	1275	1315	313
25	754	859	936	1126	1235	450
35	540	698	772	910	1082	496
45	341	435	537	690	834	435
55	207	236	310	443	555	306
65	127	135	140	205	235	167
75	65	64	60	75	87	74
85	15	15	13	16	16	18
90	0	0	0	0	0	
95	27	54	77	78	63	68
105	118	155	209	214	209	194
115	208	235	285	295	295	262
125	284	286	340	338	355	286
135	345	340	367	374	393	280
145	404	389	381	391	412	247
155	427	416	412	418	429	193
165	447	444	448	452	457	127
175	469	468	471	469	470	46
180	473	473	473	473	473	



### 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	75	75	75	75	70	70	70	70	60	60	60	40					
1	69	66	64	62	64	62	60	54	52	51	35						
2	63	59	55	51	59	55	51	48	45	43	30						
3	58	52	47	43	54	49	45	43	40	37	26						
4	54	46	41	37	50	44	39	38	35	32	23						
5	49	42	36	32	46	39	34	35	31	28	20						
6	46	38	32	28	42	35	31	31	27	25	18						
7	42	34	29	25	39	32	27	28	25	22	16						
8	39	31	26	22	37	29	25	26	22	19	14						
9	37	28	23	20	34	27	22	24	20	18	13						
10	34	26	21	18	32	25	20	22	18	16	12						

Based on a floor reflectance of 0.2

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

Vertical Angle	Horizontal Angle		
	0	45	90
55	2942	4406	7888
65	2450	2700	4533
75	2047	1890	2740
85	1403	1216	1496

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

## Additional Information

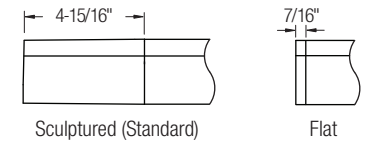
### Modules

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

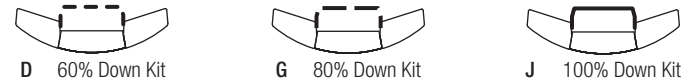


### Sling Mount Detail

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.