

Sona™



Suspended
Direct/Indirect
2 T5HO



Project Name

Spec Type

Notes

Order Guide

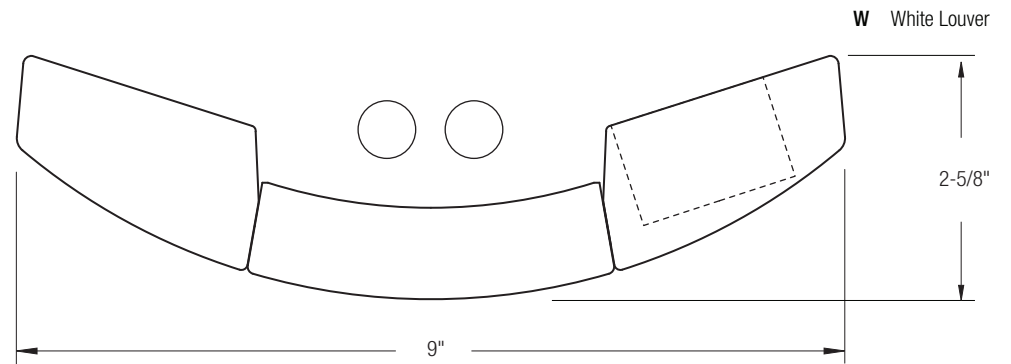
Some combinations of product options may not be available. Consult factory for assistance with your specification.

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



Sona™

Suspended
Direct/Indirect
2 T5HO



Photometry Optics WJ White Louver w/ 100% Down Kit

Report Summary

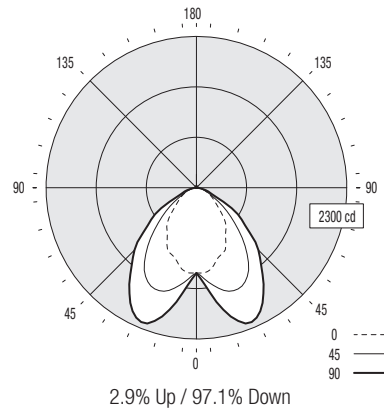
Report # 9900915
Filename 7706H02WJ.ies
Efficiency 41.8%

Peak Candela Value* N/A
Peak to Zenith Ratio* N/A : 1

* Between 90-180° vertical angle

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	1298	1298	1298	1298	1298	
5	1301	1330	1392	1416	1482	138
15	1156	1310	1617	1851	2027	452
25	1044	1251	1650	2034	2180	747
35	785	1052	1387	1710	1792	847
45	537	727	910	1192	1339	726
55	328	373	497	716	845	489
65	200	216	222	332	330	264
75	102	105	100	121	149	120
85	24	25	22	26	28	29
90	0	0	0	0	0	0
95	3	5	9	13	6	8
105	6	6	6	6	7	7
115	8	10	10	8	9	9
125	9	11	15	14	14	12
135	10	12	17	19	20	12
145	12	16	17	21	22	12
155	14	18	19	22	23	9
165	14	16	21	24	23	6
175	15	15	15	16	15	2
180	15	15	15	15	15	



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	49	49	49	49	48	48	48	46	46	46	41						
1	46	44	42	41	44	43	42	41	40	39	35						
2	42	39	37	34	41	38	36	37	35	33	31						
3	39	35	32	29	38	34	31	33	30	28	26						
4	36	31	28	25	35	31	28	29	27	25	23						
5	33	28	25	22	32	28	24	27	24	22	20						
6	31	25	22	20	30	25	22	24	21	19	18						
7	28	23	20	17	28	23	20	22	19	17	16						
8	26	21	18	16	26	21	18	20	17	15	14						
9	25	19	16	14	24	19	16	19	16	14	13						
10	23	18	15	13	23	18	15	17	14	13	12						

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	4661	7063	12009
65	3858	4282	6365
75	3212	3150	4693
85	2245	2058	2619

IES files for this and other photometric options can be downloaded online at www.ledalite.com

Additional Information

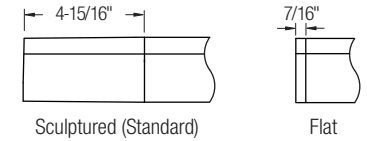
Modules

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

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

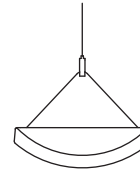
*12ft not available with Direct/Indirect

Endcap

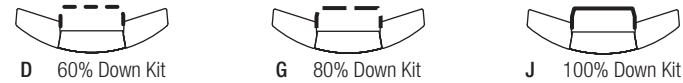


Sling Mount Detail

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.