

Sona™



Suspended
Direct/Indirect
1 T5HO



Project Name

Spec Type

Notes

Order Guide

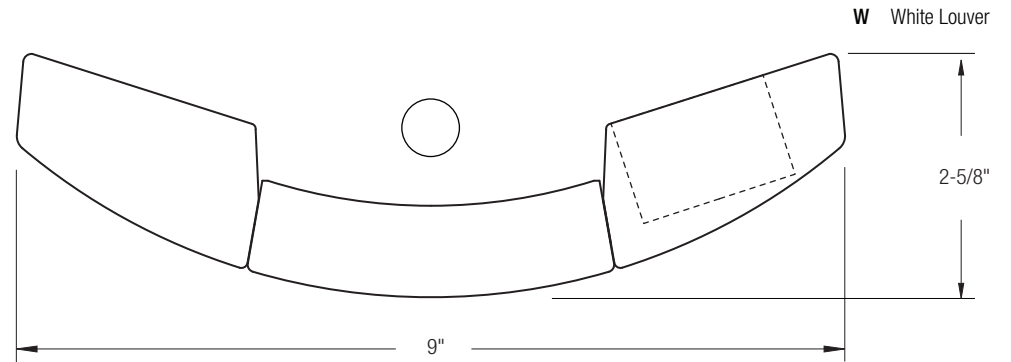
Some combinations of product options may not be available. Consult factory for assistance with your specification.

7706	H01			-		-		-	
Product Series & Type Sona Direct/Indirect	Lamping 1 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 3 1 cct w/ Emergency cct 5 1 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

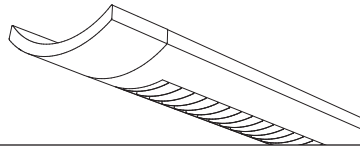
Please indicate with check mark.

<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	



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Photometry Optics WD White Louver w/ 60% Down Kit

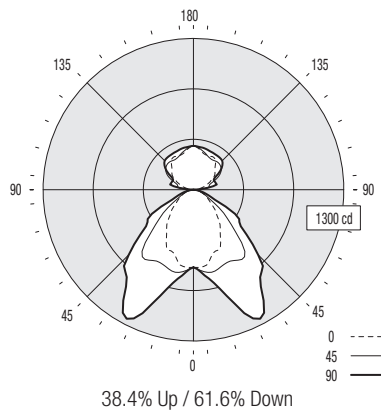
Report Summary

Report # 9900934 **Peak Candela Value***
Filename 7706H01WD.ies **Peak to Zenith Ratio*** 1 : 1
Efficiency 71.6% * 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	667	667	667	667	667	
5	670	678	696	702	708	68
15	595	655	723	824	881	209
25	550	595	690	991	1221	362
35	404	521	731	852	1016	440
45	276	335	518	672	791	396
55	171	207	270	334	485	262
65	106	111	118	219	204	152
75	53	54	52	67	90	66
85	12	12	11	14	15	15
90	0	0	0	0	0	
95	23	53	83	48	63	64
105	88	118	142	192	203	155
115	158	188	218	184	194	192
125	226	239	294	270	284	233
135	263	271	316	327	352	235
145	325	320	307	328	358	203
155	320	311	310	335	360	151
165	325	326	339	357	368	97
175	365	364	370	372	373	36
180	377	377	377	377	377	



Coefficients of Utilization (%)

Ceiling:	80				70				50				0			
	70	50	30	10	70	50	30	10	70	50	30	10	70	50	30	10
0 RCR	78	78	78	78	73	73	73	63	63	63	63	42				
1	72	69	66	64	67	64	62	56	54	53	36					
2	66	61	56	53	61	57	53	50	47	44	31					
3	60	54	49	45	56	50	46	44	41	38	27					
4	55	48	42	38	51	45	40	39	36	33	23					
5	51	43	37	33	47	40	35	35	31	28	20					
6	47	38	33	28	44	36	31	32	28	25	18					
7	43	35	29	25	40	33	28	29	25	22	16					
8	40	31	26	22	37	30	25	26	22	19	14					
9	37	29	23	20	35	27	22	24	20	17	13					
10	35	26	21	18	33	25	20	22	18	16	11					

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	2430	3837	6893
65	2045	2276	3935
75	1669	1638	2835
85	1122	1029	1403

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

Additional Information

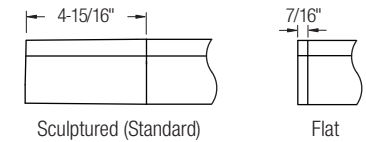
Modules

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

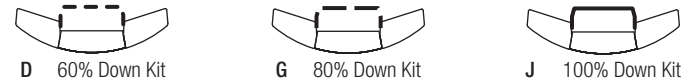


Sling Mount Detail

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.