

Sona™



Suspended
Direct/Indirect
1 T5HO



Project Name

Spec Type

Notes

Order Guide

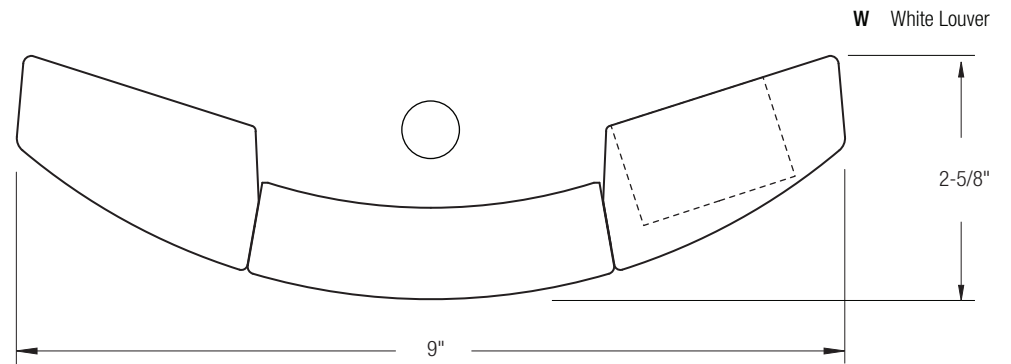
Some combinations of product options may not be available. Consult factory for assistance with your specification.

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>		
		See details on reverse	See details on reverse	See details on reverse	Consult website for complete list of standard wiring options				

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 WJ White Louver w/ 100% Down Kit

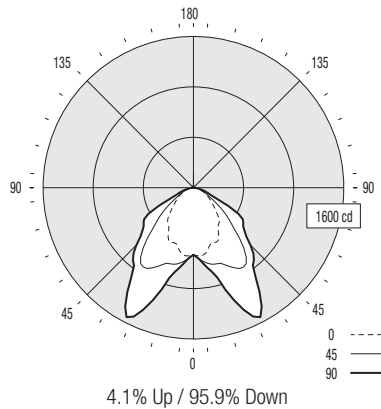
Report Summary

Report # 9900936 **Peak Candela Value*** N/A
Filename 7706H01WJ.ies **Peak to Zenith Ratio*** N/A : 1
Efficiency 53% * 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	711	711	711	711	711	
5	725	738	760	761	763	75
15	644	722	838	948	984	239
25	620	695	921	1299	1504	455
35	470	580	979	1178	1153	552
45	333	458	612	776	858	469
55	213	246	321	482	647	335
65	133	140	148	274	269	194
75	65	66	64	85	105	81
85	15	16	13	18	20	20
90	0	0	0	0	0	
95	2	2	5	7	3	5
105	4	3	3	3	3	4
115	6	5	6	4	4	4
125	7	6	8	8	7	8
135	7	8	9	10	10	8
145	8	10	10	11	11	8
155	9	12	12	12	13	5
165	10	11	14	14	15	4
175	10	10	10	11	11	1
180	10	10	10	10	10	



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	62	62	62	62	61	61	61	58	58	58	51						
1	58	55	53	52	56	54	52	52	50	49	45						
2	53	49	46	43	52	48	45	46	44	41	38						
3	49	44	40	37	47	43	39	41	38	35	33						
4	45	39	35	31	43	38	34	37	33	31	28						
5	41	35	30	27	40	34	30	33	29	27	25						
6	38	31	27	24	37	31	27	30	26	23	22						
7	35	29	24	21	34	28	24	27	23	21	19						
8	33	26	22	19	32	26	22	25	21	18	17						
9	31	24	20	17	30	23	19	23	19	17	15						
10	29	22	18	15	28	22	18	21	17	15	14						

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	3027	4562	9195
65	2565	2855	5189
75	2047	2016	3307
85	1403	1216	1871

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

Additional Information

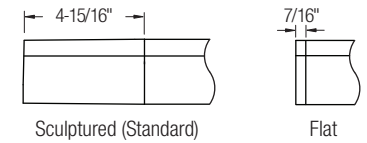
Modules

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

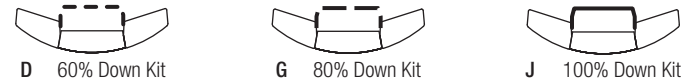


Sling Mount Detail

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.