

Sona™



Suspended
Direct/Indirect
1 T5HO



Project Name

Spec Type

Notes

Order Guide

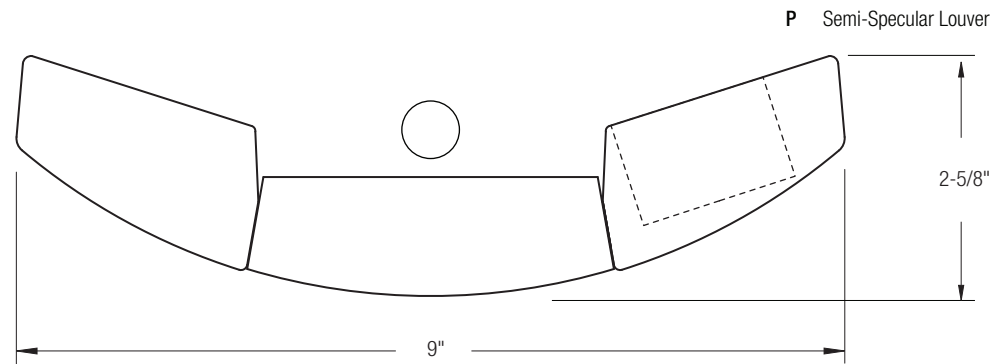
Some combinations of product options may not be available. Consult factory for assistance with your specification.

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 PD Semi-Specular Louver w/ 60% Down Kit

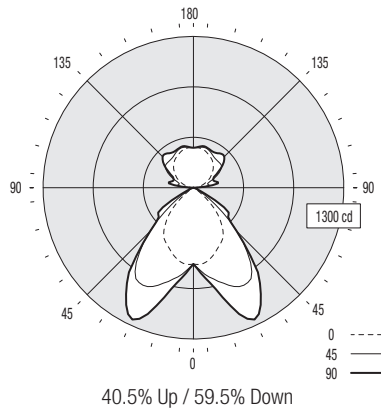
Report Summary

Report # 9900850 Peak Candela Value* 383 @ 138°
 Filename 7706H01PD.ies Peak to Zenith Ratio* 1.1 : 1
 Efficiency 68.3% * 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	657	657	657	657	657	
5	662	684	716	730	738	70
15	615	706	835	944	976	235
25	541	673	938	1163	1250	419
35	445	657	880	954	1003	495
45	261	428	530	544	530	366
55	58	106	169	268	372	171
65	16	21	22	58	64	42
75	5	5	3	3	2	6
85	1	0	0	0	0	0
90	0	0	0	0	0	0
95	19	54	100	86	99	77
105	69	101	126	190	202	150
115	131	179	204	180	191	181
125	189	217	294	284	289	230
135	243	264	311	365	377	240
145	285	301	316	362	362	205
155	312	323	342	361	355	158
165	338	343	358	367	368	100
175	345	346	347	350	349	35
180	344	344	344	344	344	



Coefficients of Utilization (%)

Ceiling:	80					70					50					0				
	70	50	30	10		70	50	30	10		50	30	10		0	0	0	0		
0 RCR	74	74	74	74	74	69	69	69	69	69	59	59	59	59	59	38				
1	69	66	64	62	64	62	60	54	52	51	52	51	35							
2	63	59	55	52	59	55	52	48	46	44	41									
3	58	53	48	45	54	50	46	43	40	38	27									
4	54	47	42	39	50	44	40	39	36	33	24									
5	50	43	37	34	46	40	36	35	32	29	21									
6	46	38	33	30	43	36	32	32	29	26	19									
7	43	35	30	26	40	33	28	29	26	23	17									
8	40	32	27	23	37	30	26	27	23	21	15									
9	37	29	24	21	35	28	23	25	21	18	14									
10	35	27	22	19	32	25	21	23	19	17	13									

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	824	2402	5287
65	309	424	1234
75	157	94	63
85	94	0	0

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

Additional Information

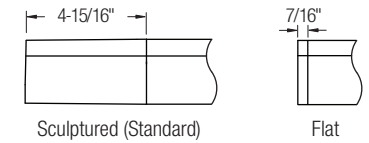
Modules

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

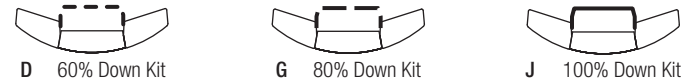


Sling Mount Detail

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.