

Sona™



Suspended
Direct/Indirect
3 T5HO



Project Name

Spec Type

Notes

Order Guide

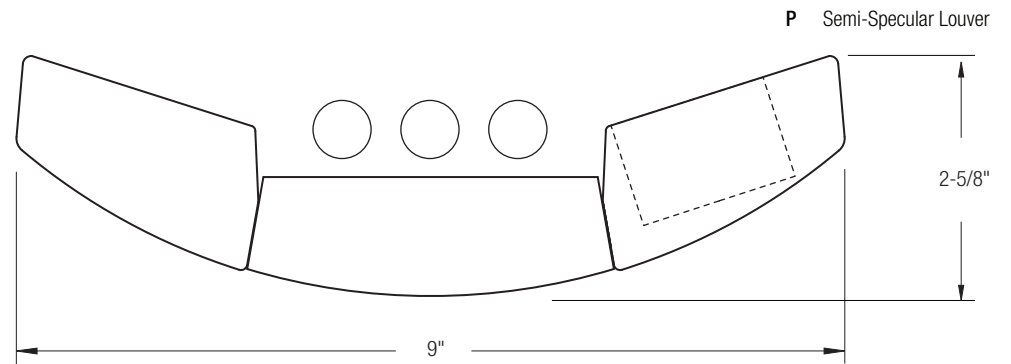
Some combinations of product options may not be available. Consult factory for assistance with your specification.

7706	H03	<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 3 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 Y 2 Down / 1 Up Kit Z 1 Down / 2 Up 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	



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Photometry Optics PN Semi-Specular Louver

Report Summary

Report # 9900844
Filename 7706H03PN.ies
Efficiency 88%

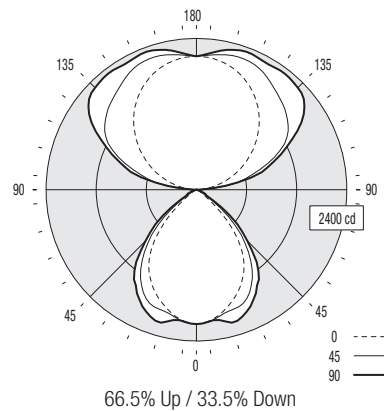
Peak Candela Value* 2330 @ 160°
Peak to Zenith Ratio* 1.1 : 1

* 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	2132	2132	2132	2132	2132	
5	2101	2112	2112	2116	2105	202
15	1922	1949	1995	2120	2184	573
25	1674	1716	1903	2015	2043	861
35	1307	1459	1552	1666	1739	960
45	694	856	1010	1117	1149	749
55	138	227	342	460	489	315
65	39	47	50	111	156	78
75	17	14	10	10	9	15
85	6	3	1	1	1	3
90	0	0	0	0	0	
95	114	236	271	221	238	268
105	425	755	917	1013	1084	893
115	766	1082	1472	1522	1581	1296
125	1104	1350	1787	2007	2092	1502
135	1412	1626	1940	2196	2288	1470
145	1680	1854	2070	2240	2317	1279
155	1889	2013	2192	2279	2313	991
165	2036	2093	2205	2276	2297	618
175	2108	2120	2142	2162	2166	208
180	2116	2116	2116	2116	2116	



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	90	90	90	90	81	81	81	64	64	64	26						
1	83	79	76	74	74	72	69	57	55	54	24						
2	76	70	66	61	68	63	59	51	48	46	21						
3	70	62	57	52	63	56	52	45	42	39	19						
4	64	56	49	45	58	50	45	41	37	34	17						
5	59	50	43	39	53	45	40	37	33	30	15						
6	54	45	38	34	49	41	35	33	29	26	14						
7	50	40	34	30	45	37	31	30	26	23	12						
8	47	37	30	26	42	34	28	28	23	21	11						
9	44	34	27	23	39	31	25	25	21	18	10						
10	41	31	25	21	37	28	23	23	19	17	9						

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	1961	4860	6950
65	752	964	3009
75	535	315	283
85	561	94	94

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

Additional Information

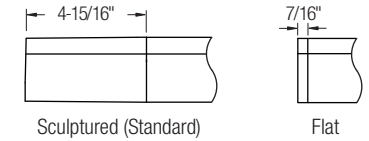
Modules

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

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

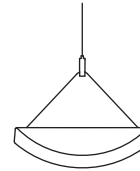
*12ft not available with Direct/Indirect

Endcap

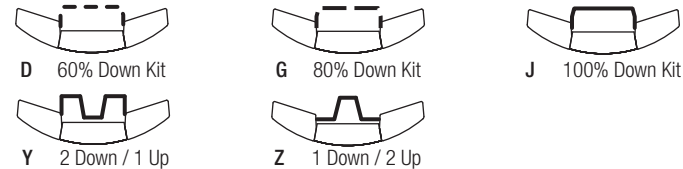


Sling Mount Detail

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.