

Sona™



Suspended
Direct/Indirect
3 T5HO



Project Name

Spec Type

Notes

Order Guide

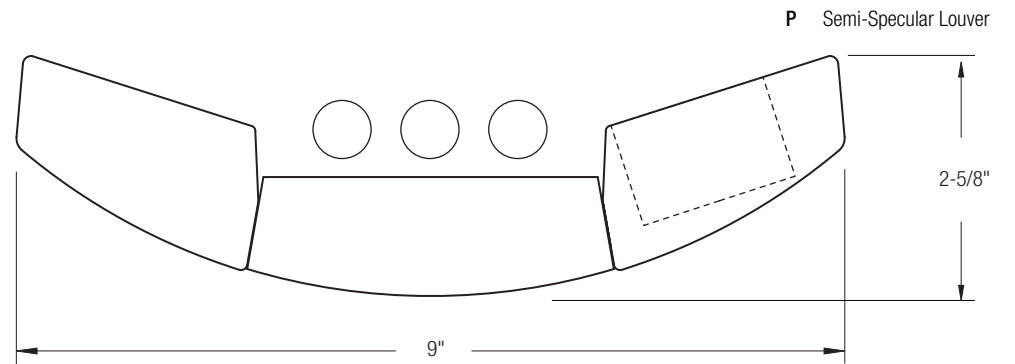
Some combinations of product options may not be available. Consult factory for assistance with your specification.

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

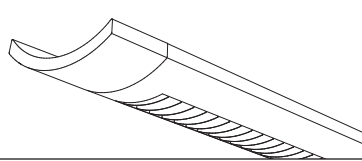
Please indicate with check mark.

<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 PG Semi-Specular Louver w/ 80% Down Kit

Report Summary

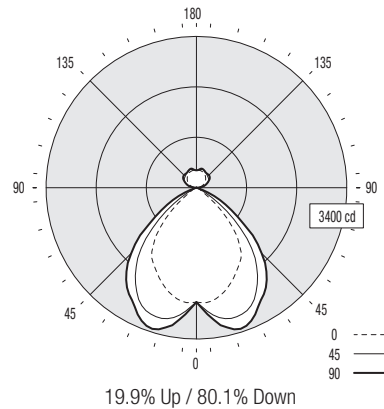
Report # 9900846
Filename 7706H03PG.ies
Efficiency 54.6%

Peak Candela Value* 445 @ 163°
Peak to Zenith Ratio* 1.1 : 1

* Between 90-180° vertical angle

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	2573	2573	2573	2573	2573	
5	2593	2671	2785	2817	2856	273
15	2423	2738	3042	3244	3296	839
25	2110	2585	2924	3151	3143	1294
35	1760	2265	2410	2643	2738	1483
45	994	1398	1619	1939	2084	1238
55	212	352	628	972	1135	613
65	56	69	97	315	445	189
75	16	17	15	15	12	23
85	4	3	2	2	1	3
90	0	0	0	0	0	
95	33	53	76	73	59	68
105	112	162	195	203	196	185
115	183	229	288	287	282	256
125	245	275	337	367	367	286
135	295	329	360	395	397	277
145	341	380	392	400	397	242
155	377	399	430	427	422	191
165	393	401	423	444	444	120
175	395	397	397	399	398	39
180	391	391	391	391	391	



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	59	59	59	54	54	54	42						
1	58	56	54	52	55	53	52	49	48	47	38						
2	53	50	47	45	51	48	45	44	42	41	34						
3	49	45	41	39	47	43	40	40	37	35	30						
4	46	40	37	34	44	39	35	36	33	31	26						
5	42	37	33	29	41	35	32	33	30	27	23						
6	39	33	29	26	38	32	28	30	27	24	21						
7	37	30	26	23	35	29	25	27	24	22	19						
8	34	28	24	21	33	27	23	25	22	20	17						
9	32	25	21	19	31	25	21	23	20	18	15						
10	30	23	20	17	29	23	19	21	18	16	14						

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	3013	8925	16130
65	1080	1871	8583
75	504	472	378
85	374	187	94

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

Additional Information

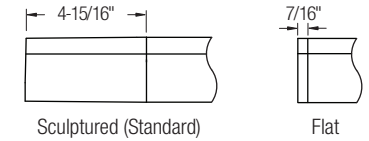
Modules

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

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

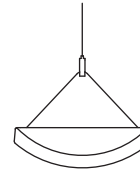
*12ft not available with Direct/Indirect

Endcap

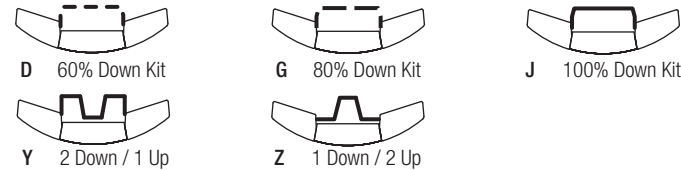


Sling Mount Detail

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.