

Sona™



Suspended
Direct/Indirect
3 T5HO



Project Name

Spec Type

Notes

Order Guide

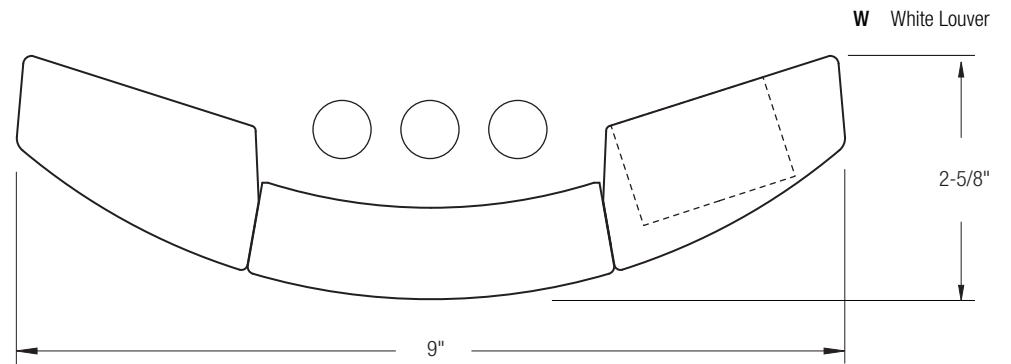
Some combinations of product options may not be available. Consult factory for assistance with your specification.

7706	H03			-		-		-	
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									
				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 WG White Louver w/ 80% Down Kit

Report Summary

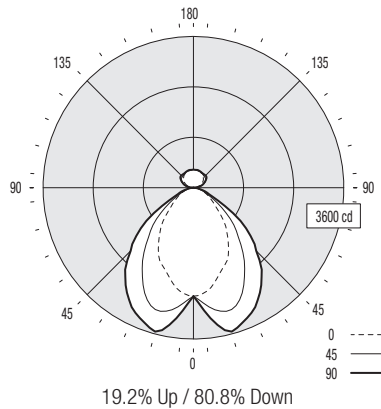
Report # 9900910
Filename 7706H03WG.ies
Efficiency 58.3%

Peak Candela Value* 433 @ 168°
Peak to Zenith Ratio* 1 : 1

* Between 90-180° vertical angle

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	2583	2583	2583	2583	2583	
5	2531	2620	2758	2858	2935	273
15	2216	2592	3046	3446	3546	837
25	1911	2365	2764	3164	3287	1247
35	1430	1901	2125	2661	2830	1372
45	932	1223	1454	2017	2126	1196
55	548	602	829	1240	1376	816
65	333	365	362	521	506	426
75	168	176	161	198	226	196
85	41	42	37	45	47	50
90	0	0	0	0	0	
95	31	54	85	82	58	72
105	123	172	206	203	198	193
115	209	250	311	288	285	270
125	283	300	360	375	379	305
135	334	339	372	404	411	288
145	377	377	390	397	405	244
155	405	406	412	408	417	188
165	420	419	417	429	432	120
175	429	429	430	428	427	41
180	431	431	431	431	431	



19.2% Up / 80.8% Down

Coefficients of Utilization (%)

Ceiling: Walk:	80				70			50			0
	70	50	30	10	70	50	30	50	30	10	0
0 RCR	66	66	66	66	63	63	63	58	58	58	46
1	61	59	57	55	58	56	55	52	50	49	40
2	56	52	49	46	54	50	47	46	44	42	35
3	52	47	43	39	49	45	41	41	38	36	30
4	48	42	37	34	46	40	36	37	34	31	26
5	44	38	33	30	42	36	32	34	30	27	23
6	41	34	29	26	39	33	29	31	27	24	21
7	38	31	26	23	36	30	26	28	24	22	18
8	35	28	24	21	34	27	23	26	22	19	17
9	33	26	22	19	32	25	21	24	20	18	15
10	31	24	20	17	30	23	19	22	18	16	14

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	7788	11782	19555
65	6423	6982	9760
75	5291	5071	7118
85	3835	3461	4396

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

Additional Information

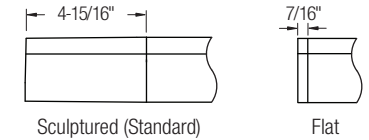
Modules

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

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

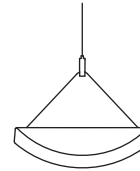
*12ft not available with Direct/Indirect

Endcap

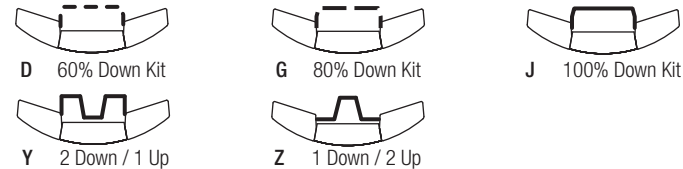


Sling Mount Detail

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.