

Sona™



Suspended
Direct/Indirect
3 T5



Project Name

Spec Type

Notes


Order Guide

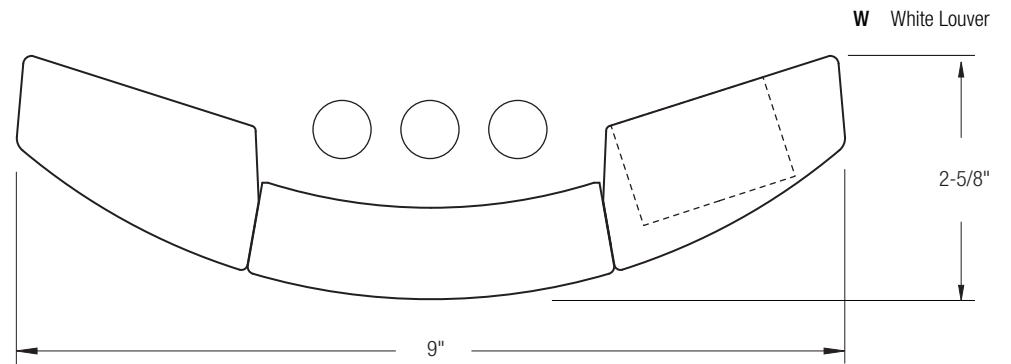
Some combinations of product options may not be available. Consult factory for assistance with your specification.

7706	F03			-		-		-		
Product Series & Type Sona Direct/Indirect	Lamping 3 T5	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 type="checkbox"/> Lamps Included and Installed
<input type="checkbox"/> Flat Endcap See details on reverse	<input type="checkbox"/> Dust Cover Only available with upper optics option N 
<input type="checkbox"/> Response Daylight (Integrated Controls) For details visit www.ledalite.com/response	



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Photometry Optics WZ White Louver w/ 1 Down / 2 Up Kit

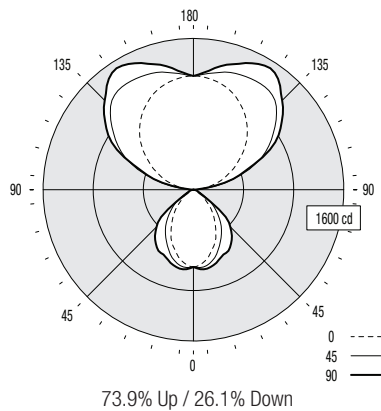
Report Summary

Report # 9900946 **Peak Candela Value*** 1524 @ 148°
Filename 7706F03WZ.ies **Peak to Zenith Ratio*** 1.3 : 1
Efficiency 73.3% * Between 90-180° vertical angle

Meets RP-1-04 recommendations for VDT-Intensive spaces

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	818	818	818	818	818	
5	799	813	826	840	844	80
15	696	743	777	823	826	218
25	565	622	655	727	756	306
35	391	447	520	650	697	337
45	242	278	366	490	554	294
55	127	148	219	270	225	183
65	80	85	89	71	55	81
75	40	43	42	42	30	44
85	11	11	9	10	7	13
90	0	0	0	0	0	0
95	58	81	66	31	40	86
105	236	386	435	413	438	411
115	425	647	798	778	813	700
125	621	860	1036	1081	1131	860
135	809	997	1247	1294	1335	888
145	960	1105	1327	1462	1510	801
155	1078	1174	1320	1437	1476	602
165	1157	1203	1289	1354	1369	363
175	1198	1205	1226	1244	1243	119
180	1203	1203	1203	1203	1203	



Coefficients of Utilization (%)

Ceiling:	80					70					50					0				
	70	50	30	10		70	50	30	10		70	50	30	10		70	50	30	10	
0 RCR	74	74	74	74	74	65	65	65	65	65	50	50	50	50	50	17				
1	67	64	62	60	60	60	57	55	55	55	44	43	42	42	42	15				
2	62	57	53	49	55	51	47	47	47	47	39	37	35	35	35	13				
3	56	50	45	41	50	45	41	35	32	30	32	30	28	25	12					
4	52	44	39	35	46	40	35	31	28	25	28	25	23	20	10					
5	47	39	34	30	42	35	31	28	24	22	24	22	22	19	9					
6	44	35	30	26	39	32	27	25	22	19	22	19	17	15	8					
7	40	32	26	23	36	29	24	23	19	17	19	17	17	14	7					
8	37	29	24	20	33	26	21	21	17	15	17	15	15	13	6					
9	35	26	21	18	31	24	19	19	16	13	16	13	13	11	6					
10	32	24	19	16	29	22	17	17	14	12	14	12	12	10	5					

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	1805	3112	3198
65	1543	1717	1061
75	1260	1323	945
85	1029	842	655

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

Additional Information

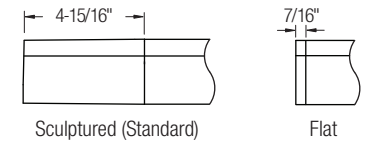
Modules

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

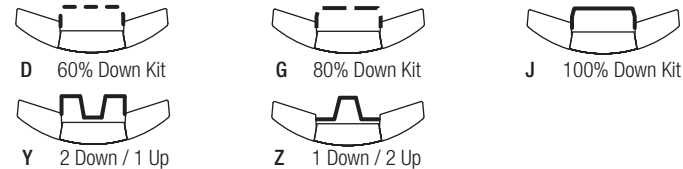


Sling Mount Detail

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.