

Sona™



Suspended
Direct/Indirect
2 T5



Project Name

Spec Type

Notes


Order Guide

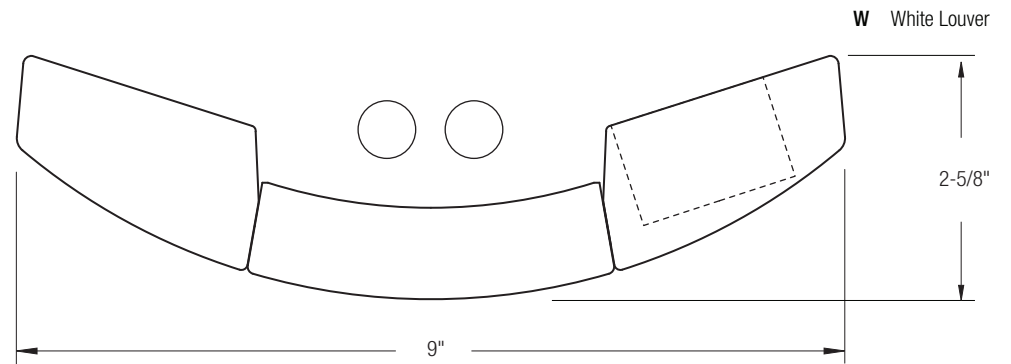
Some combinations of product options may not be available. Consult factory for assistance with your specification.

7706	F02			-		-		-		
Product Series & Type Sona Direct/Indirect	Lamping 2 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	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 WD White Louver w/ 60% Down Kit

Report Summary

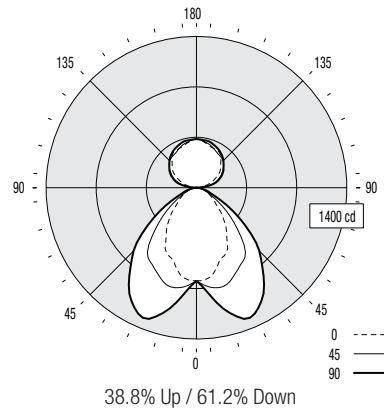
Report # 9900913
Filename 7706F02WD.ies
Efficiency 65.2%

Peak Candela Value* 449 @ 178°
Peak to Zenith Ratio* 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	863	863	863	863	863	
5	857	876	909	919	948	90
15	752	825	949	1116	1200	274
25	662	742	868	1147	1285	428
35	487	647	787	930	1098	488
45	324	392	539	676	828	422
55	197	220	290	395	485	281
65	117	125	129	188	201	152
75	59	60	57	74	88	71
85	13	13	12	17	15	18
90	0	0	0	0	0	
95	27	47	69	65	55	59
105	107	127	170	191	189	166
115	187	207	247	252	259	229
125	268	276	305	285	307	258
135	321	329	352	333	355	261
145	385	381	369	376	394	238
155	396	391	393	407	422	185
165	412	412	423	437	444	121
175	441	441	445	445	447	44
180	449	449	449	449	449	



Coefficients of Utilization (%)

Ceiling:	80				70				50				0
	70	50	30	10	70	50	30	50	30	10	0		
0 RCR	71	71	71	71	66	66	66	57	57	57	38		
1	65	63	60	58	61	59	57	51	50	48	33		
2	60	55	52	48	56	52	49	45	43	41	29		
3	55	49	45	41	51	46	42	40	37	35	25		
4	51	44	39	35	47	41	37	36	33	30	22		
5	47	39	34	30	43	37	32	33	29	26	19		
6	43	35	30	27	40	33	29	30	26	23	17		
7	40	32	27	23	37	30	26	27	23	20	15		
8	37	29	24	21	35	28	23	25	21	18	13		
9	34	27	22	19	32	25	21	23	19	16	12		
10	32	24	20	17	30	23	19	21	17	15	11		

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	2800	4121	6893
65	2257	2488	3877
75	1858	1795	2772
85	1216	1122	1403

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

Additional Information

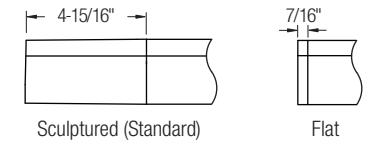
Modules

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

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

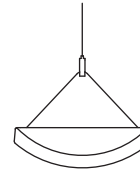
*12ft not available with Direct/Indirect

Endcap

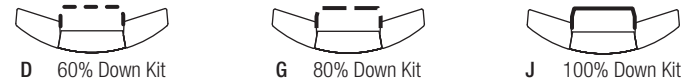


Sling Mount Detail

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.