

Sona™



Suspended
Direct/Indirect
3 T5



Project Name

Spec Type

Notes


Order Guide

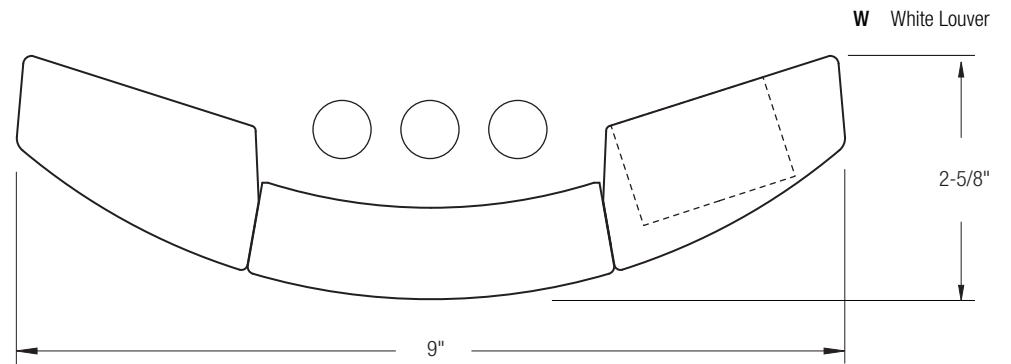
Some combinations of product options may not be available. Consult factory for assistance with your specification.

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		
									<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 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	



Sona™

Suspended
Direct/Indirect
3 T5



Photometry Optics WD White Louver w/ 60% Down Kit

Report Summary

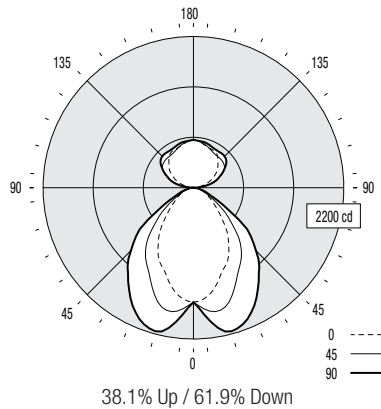
Report # 9900909
 Filename 7706F03WD.ies
 Efficiency 72.7%

Peak Candela Value*
 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	1666	1666	1666	1666	1666	
5	1629	1682	1769	1801	1857	172
15	1406	1587	1797	2087	2161	508
25	1179	1387	1486	1843	2001	725
35	886	1162	1224	1421	1665	791
45	551	671	861	1079	1293	682
55	323	363	478	664	810	467
65	201	212	217	286	300	247
75	100	102	94	120	131	115
85	21	24	19	25	24	28
90	0	0	0	0	0	
95	45	75	115	98	87	99
105	163	234	296	316	305	283
115	301	359	458	452	448	405
125	422	445	553	560	582	459
135	507	513	576	613	644	439
145	599	588	577	605	642	375
155	618	606	604	629	651	287
165	642	637	651	669	679	184
175	685	682	685	686	688	65
180	694	694	694	694	694	



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 RCR	79	79	79	79	74	74	74	64	64	64	42					
1	73	70	68	65	68	66	63	57	55	54	37					
2	67	62	58	54	62	58	55	51	48	46	32					
3	62	55	50	46	57	52	47	45	42	39	28					
4	57	49	44	40	53	46	41	41	37	34	25					
5	52	44	39	34	49	42	37	37	33	30	22					
6	48	40	34	30	45	38	33	33	29	26	19					
7	45	36	31	27	42	34	29	30	26	23	17					
8	42	33	28	24	39	31	26	28	24	21	16					
9	39	30	25	21	36	29	24	26	22	19	14					
10	36	28	23	19	34	26	22	24	20	17	13					

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	4590	6793	11512
65	3877	4186	5786
75	3150	2961	4126
85	1964	1777	2245

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

Additional Information

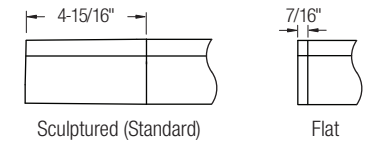
Modules

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

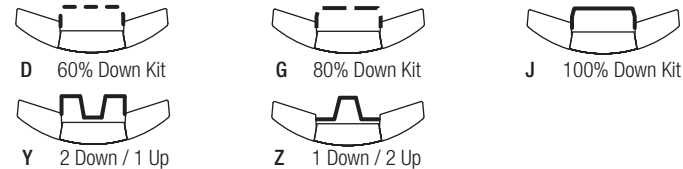


Sling Mount Detail

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.