

# Sona™

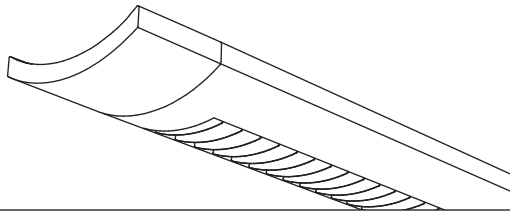


Project Name

Spec Type

Notes

Wall  
Direct/Indirect  
1 T5



## Order Guide

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

7708	F01			-		-		-	
Product Series & Type Sona Wall	Lamping 1 T5	Lower Optics <b>P</b> Semi-Specular Louver <b>W</b> White Louver	Upper Optics <b>N</b> None	Run Length <i>Enter the total run length in feet (4ft increments)</i>	Wiring <b>1</b> 1 cct <b>3</b> 1 cct w/ Emergency cct <b>5</b> 1 cct w/ Battery Pack <b>7</b> 1 cct Dimming	Voltage <b>1</b> 120V <b>2</b> 277V <b>3</b> 347V	Ballast <b>E</b> Standard Ballast	Color & Finish <b>W</b> Standard White <b>C</b> Factory Color <b>X</b> Custom Color	
		See details on reverse		See details on reverse	Consult website for complete list of standard wiring options		Consult website for ballast manufacturer information	Consult website for color and finish options	

## Upgrades & Accessories

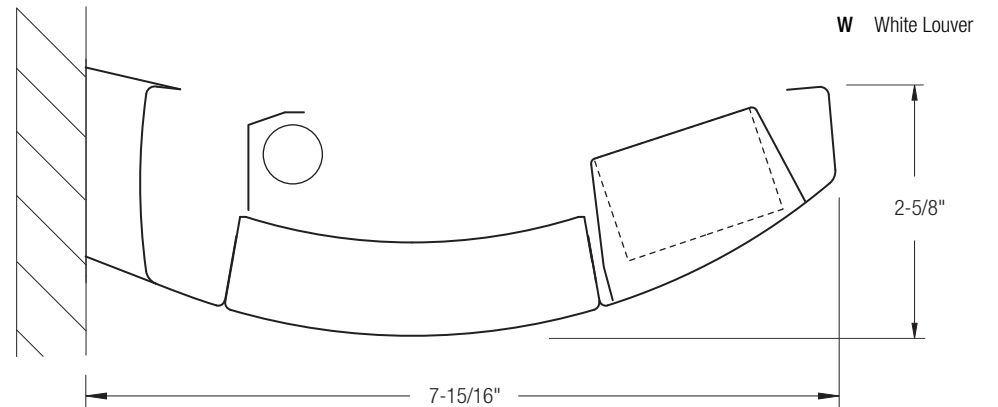
Please indicate with check mark.

Lamps Included

Lamps Included and Installed

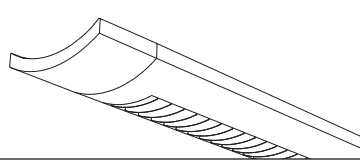
Flat Endcap  
See details on reverse

Dust Cover



Sona™

Wall  
Direct/Indirect  
1 T5



Photometry Optics WN White Louver

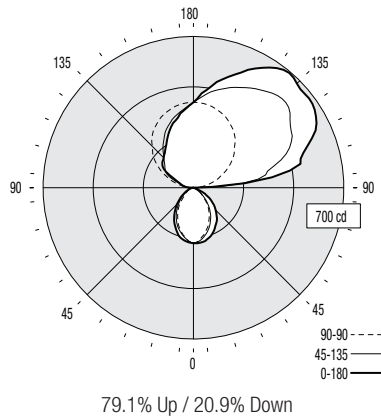
Report Summary

Report # 9900942 Peak Candela Value\* 694 @ 140°  
 Filename 7708F01WN.ies Peak to Zenith Ratio\* 1.8 : 1  
 Efficiency 75.8% \* 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	257	257	257	257	257	
5	257	251	249	248	254	14
15	247	223	213	218	238	55
25	223	184	169	182	199	83
35	189	135	124	137	156	91
45	146	84	72	92	109	79
55	100	34	41	54	66	54
65	43	2	25	28	34	29
75	0	0	13	13	14	11
85	0	0	3	3	3	4
90	0	0	0	0	0	
95	242	227	29	31	34	58
105	517	388	88	58	60	204
115	628	503	152	127	101	271
125	677	549	219	162	176	303
135	681	583	271	195	196	293
145	676	551	325	246	226	259
155	602	512	359	298	275	201
165	519	471	381	340	322	133
175	439	420	394	374	370	59
180	395	395	395	395	395	



Coefficients of Utilization (%)

Ceiling: Wall:	80				70				50				0
	70	50	30	10	70	50	30	10	50	30	10	0	
0 RCR	76	76	76	76	67	67	67	50	50	50	14		
1	69	66	63	61	61	58	56	44	43	41	12		
2	63	58	54	50	56	51	48	39	37	35	11		
3	58	51	46	42	51	45	41	34	32	29	9		
4	53	45	40	36	46	40	36	31	28	25	8		
5	48	40	35	30	43	36	31	27	24	22	7		
6	45	36	30	26	39	32	27	25	21	19	7		
7	41	32	27	23	36	29	24	22	19	17	6		
8	38	29	24	20	34	26	22	20	17	15	5		
9	35	27	21	18	31	24	19	19	15	13	5		
10	33	24	19	16	29	22	17	17	14	12	4		

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	1513	620	998
65	883	513	698
75	0	436	469
85	0	299	299

IES files for this and other photometric options can be downloaded online at [www.ledalite.com](http://www.ledalite.com)

Additional Information

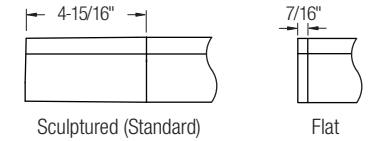
Modules

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

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

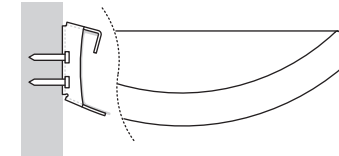
\*12ft not available with Direct/Indirect

Endcap



Mounting Hardware

- Mounts variable within 6" of end or joint.
- Minimum one mount per fixture end or joint. **Note:** Mount is not continuous, and therefore fixture is not flush with wall.
- Side-mounted 4" x 2-1/2" utility box (supplied by others).



Specifications

Due to continuing product improvements, Ledalite reserves the right to change specifications without notice.

Housing

Die-formed 20 gauge cold-rolled steel.

Weight

3.2 lb/ft.

Optical System

Direct/Indirect: Constructed of 96% reflective white steel and specular aluminum to produce an asymmetric direct/indirect distribution. Semi-specular louvers are aluminum and spaced 1-7/16" apart. White louvers are spaced 1-5/16" apart. Standard distribution is 70% up and 30% down.

Semi-Indirect: Constructed of 96% reflective white steel to produce an asymmetric semi-indirect distribution. Perforated housing available in round or slot perforation patterns.

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 is mounted 1/2" off the wall by means of individual brackets. The brackets are specifically designed for ease of installation.

Electrical

All luminaires shall be factory pre-wired to section ends with quick-wire connectors.

Ballast

Electronic.

Approvals

Certified to UL & 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.