

Sona™

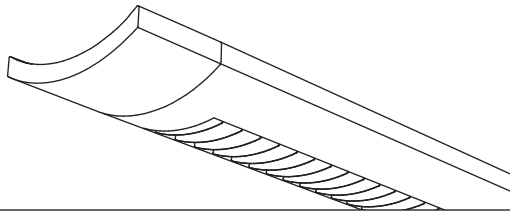


Project Name

Spec Type

Notes

Wall
 Direct/Indirect
 1 T5HO



Order Guide

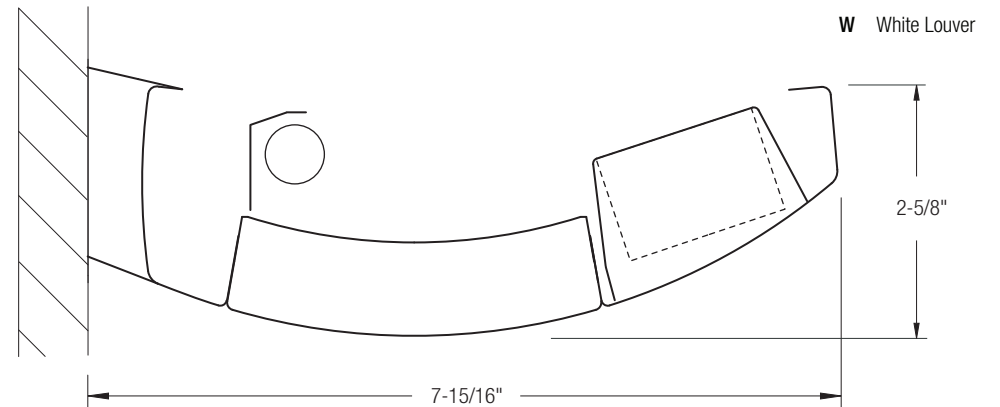
Some combinations of product options may not be available. Consult factory for assistance with your specification.

7708	H01			-		-		-		-	
Product Series & Type Sona Wall	Lamping 1 T5HO	Lower Optics P Semi-Specular Louver W White Louver	Upper Optics N None	Run Length <i>Enter the total run length in feet (4ft increments)</i>	Wiring 1 1 cct 3 1 cct w/ Emergency cct 5 1 cct w/ Battery Pack 7 1 cct Dimming	Voltage 1 120V 2 277V 3 347V	Ballast E Standard Ballast	Color & Finish W Standard White C Factory Color X 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.

<input type="checkbox"/> Lamps Included	<input checked="" type="checkbox"/> Lamps Included and Installed
<input type="checkbox"/> Flat Endcap See details on reverse	

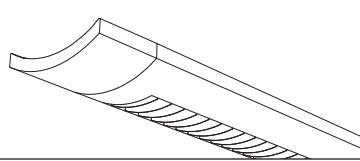


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Wall

Direct/Indirect

1 T5HO



Photometry Optics WN White Louver

Report Summary

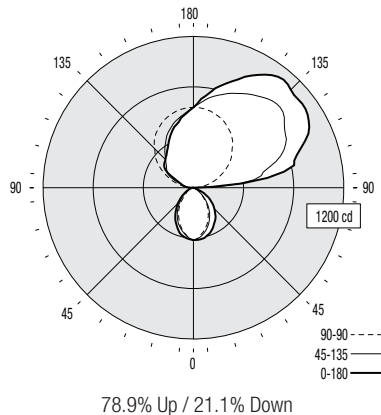
Report # 9900942
 Filename 7708H01WN.ies
 Efficiency 76.3%

Peak Candela Value* 1119 @ 140°
 Peak to Zenith Ratio* 1.8 : 1
 * 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	415	415	415	415	415	
5	415	405	401	400	409	23
15	398	360	344	352	384	88
25	359	296	273	294	321	134
35	305	218	200	221	251	146
45	236	135	117	149	176	127
55	161	55	67	87	106	87
65	69	4	40	45	55	47
75	0	0	21	22	23	18
85	0	0	5	5	5	6
90	0	0	0	0	0	0
95	391	366	46	50	55	94
105	833	625	141	93	97	329
115	1012	811	246	205	163	436
125	1091	886	354	262	283	490
135	1099	940	437	315	316	473
145	1090	889	523	397	364	418
155	971	825	579	481	443	325
165	837	759	615	548	519	214
175	708	678	635	603	597	96
180	637	637	637	637	637	



Coefficients of Utilization (%)

Ceiling:	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	70	67	64	61	61	59	57	44	43	42	12		
2	64	58	54	50	56	52	48	39	37	35	11		
3	58	51	46	42	51	46	41	35	32	30	10		
4	53	46	40	36	47	40	36	31	28	25	8		
5	49	41	35	31	43	36	31	28	24	22	7		
6	45	36	31	26	39	32	27	25	21	19	7		
7	41	33	27	23	36	29	24	22	19	17	6		
8	38	30	24	20	34	26	22	20	17	15	5		
9	36	27	22	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	2436	1014	1604
65	1417	821	1129
75	0	704	771
85	0	498	498

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

Additional Information

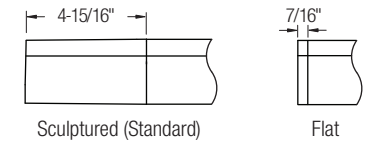
Modules

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

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

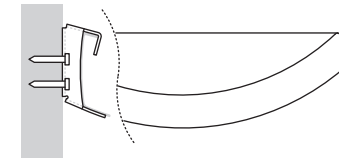
*12ft not available with Direct/Indirect

Endcap



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.