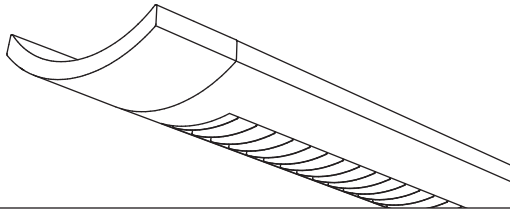


Sona™



Suspended
Direct/Indirect (High Performance)
2 T5



Project Name

Spec Type

Notes


Order Guide

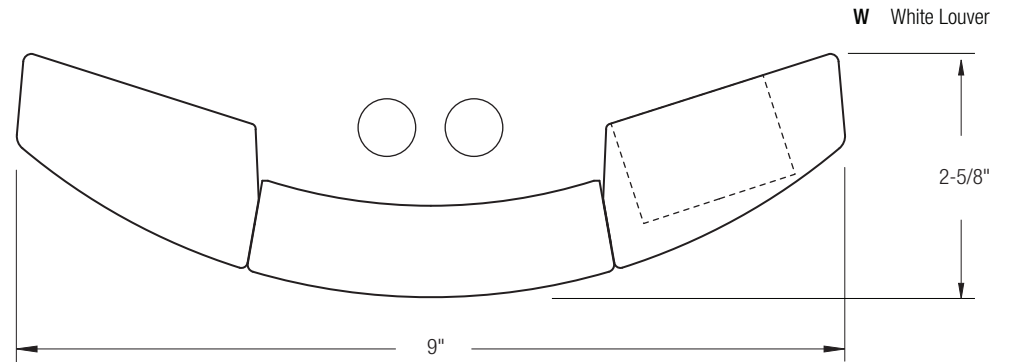
Some combinations of product options may not be available. Consult factory for assistance with your specification.

7707	F02	<input type="text"/>	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	<input type="text"/>
Product Series & Type Sona Direct/Indirect (High Performance)	Lamping 2 T5	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 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		
		See details on reverse	See details on reverse	See details on reverse	Consult website for complete list of standard wiring options					
									Mounting Hardware	
									<input type="text"/>	<input type="text"/>
									Mount Type	Suspension Length <i>Enter distance from ceiling to top of fixture in inches</i>
									Consult separate mounting spec sheet for mount type options	

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 WN White Louver

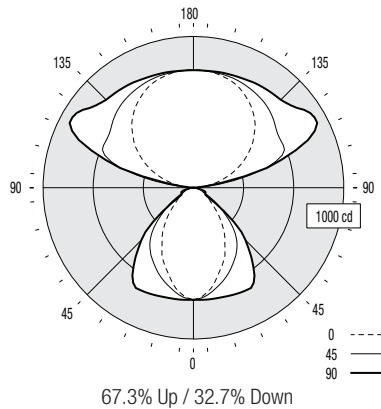
Report Summary

Report # 9900916 **Peak Candela Value*** 930 @ 120°
Filename 7707F02WN.ies **Peak to Zenith Ratio*** 1.2 : 1
Efficiency 83.1% * 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	741	741	741	741	741	70
5	718	721	728	739	744	190
15	610	637	666	721	749	281
25	496	525	590	697	761	322
35	356	401	502	652	708	276
45	215	268	371	445	489	164
55	123	140	202	233	178	88
65	75	81	81	79	88	47
75	39	40	37	49	65	12
85	10	9	8	11	12	82
90	0	0	0	0	0	82
95	44	73	70	30	35	413
105	191	324	500	462	506	615
115	337	419	660	824	891	610
125	470	530	672	833	898	548
135	581	616	718	797	822	466
145	664	684	746	798	809	352
155	726	733	764	788	794	220
165	761	762	774	782	785	76
175	778	774	777	777	777	
180	777	777	777	777	777	



Coefficients of Utilization (%)

Ceiling: Walk:	80				70				50				0				
	70	50	30	10	70	50	30	10	50	30	10	0	70	50	30	10	0
0 RCR	85	85	85	85	76	76	76	60	60	60	24						
1	78	74	71	69	70	67	64	53	51	50	21						
2	71	65	61	57	64	59	55	47	44	42	19						
3	65	58	52	48	58	52	47	42	38	36	16						
4	60	51	45	41	53	46	41	37	33	31	14						
5	55	46	39	35	49	41	36	33	29	26	13						
6	50	41	35	30	45	37	32	30	26	23	11						
7	47	37	31	26	42	34	28	27	23	20	10						
8	43	34	27	23	39	30	25	25	21	18	9						
9	40	31	25	21	36	28	23	23	19	16	8						
10	37	28	22	18	34	25	20	21	17	14	7						

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	1748	2871	2530
65	1447	1562	1697
75	1228	1165	2047
85	935	748	1122

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

Additional Information

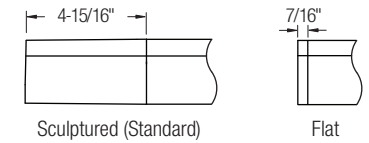
Modules

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.



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.