Sona™

Suspended

Direct/Indirect

2 T5

RESPONSE® **airwave™**
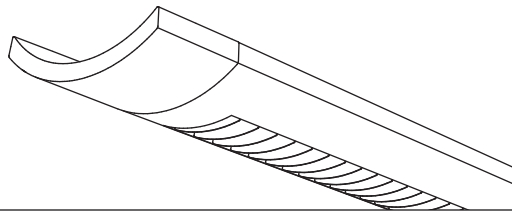
Project Name

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	Lamping	Lower Optics	Upper Optics	Run Length	Wiring	Voltage	Ballast	Color & Finish
Sona Direct/Indirect	2 T5	**P** Semi-Specular Louver **W** White Louver	**N** None **D** 60% Down Kit **G** 80% Down Kit **J** 100% Down Kit	*Enter the total run length in feet (4ft increments)*	**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	**1** 120V **2** 277V **3** 347V	**E** Standard Ballast Consult website for ballast manufacturer information	**W** Standard White **C** Factory Color **X** Custom Color Consult website for color and finish options

Mounting Hardware

| Mount Type	Suspension Length
Consult separate mounting spec sheet for mount type options	*Enter distance from ceiling to top of fixture in inches*

See details on reverse | See details on reverse | See details on reverse | Consult website for complete list of standard wiring options

Upgrades & Accessories   Please indicate with check mark.

☐ Lamps Included

☐ Flat Endcap
  See details on reverse

☐ Response Daylight (Integrated Controls)
  For details visit www.ledalite.com/response

☐ Lamps Included and Installed

☐ Dust Cover
  Only available with upper optics option N

W White Louver

2-5/8"

9"
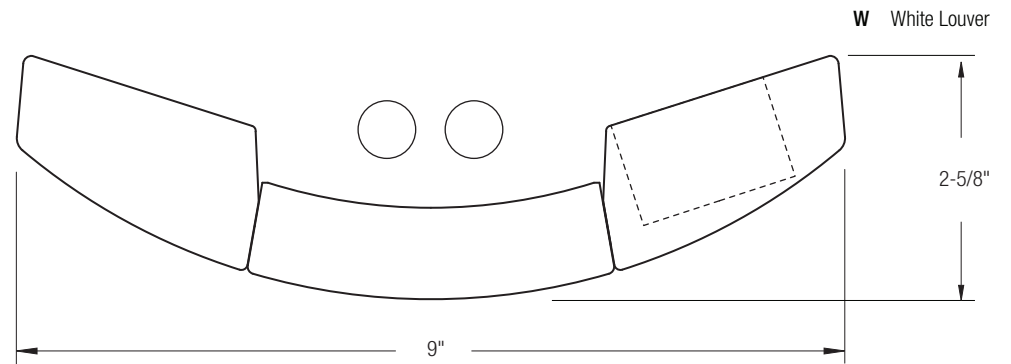
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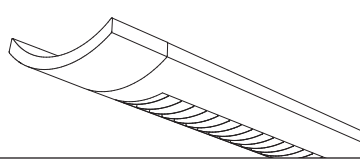
Photometry
Optics WJ   White Louver w/ 100% Down Kit

Report Summary

Report #	9900915	**Peak Candela Value***	N/A
Filename	7706F02WJ.ies	**Peak to Zenith Ratio***	N/A : 1
Efficiency	42.2%	* 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	818	818	818	818	818	
5	820	838	877	892	933	87
15	728	825	1019	1166	1277	284
25	658	788	1039	1281	1373	470
35	494	663	874	1078	1129	534
45	338	458	573	751	844	457
55	206	235	313	451	533	309
65	126	136	140	209	208	167
75	65	66	63	76	94	76
85	15	16	14	16	18	18
90	0	0	0	0	0	
95	2	3	6	8	4	5
105	4	4	4	4	4	4
115	5	6	6	5	6	6
125	6	7	9	9	9	8
135	6	8	10	12	13	8
145	7	10	11	13	14	8
155	9	11	12	14	14	6
165	9	10	13	15	15	4
175	9	9	9	10	10	1
180	9	9	9	9	9	

1400 cd

3.8% Up / 96.2% Down

- - - - 0
——— 45
▬▬▬ 90
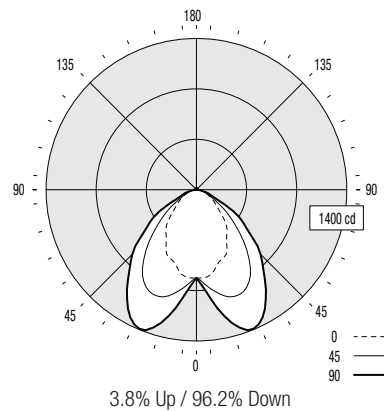
Coefficients of Utilization (%)

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

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	2928	4448	7575
65	2430	2700	4012
75	2047	1984	2961
85	1403	1309	1684

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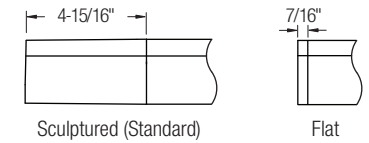
Additional Information

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

4-15/16"   7/16"

Sculptured (Standard)   Flat

Sling Mount Detail

Fixture uses 1/16" steel sling-mounted aircraft cable for horizontal leveling.

Upper Optics

D 60% Down Kit   **G** 80% Down Kit   **J** 100% Down Kit
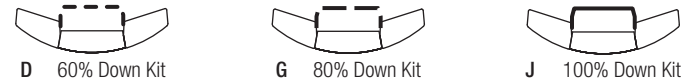
Specifications
Due to continuing product improvements, Ledalite reserves the right to change specifications without notice.

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.