

Sona™



Suspended
Direct/Indirect
2 T5



Project Name

Spec Type

Notes


Order Guide

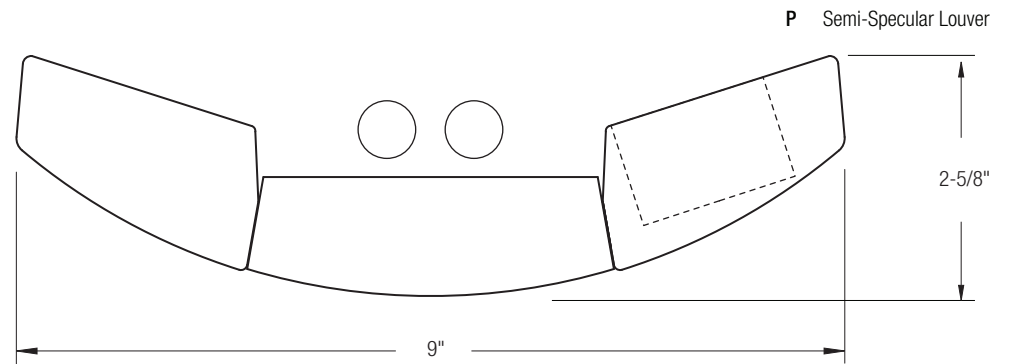
Some combinations of product options may not be available. Consult factory for assistance with your specification.

7706	F02			-		-		-	
Product Series & Type Sona Direct/Indirect	Lamping 2 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	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		Suspension Length		
					Consult separate mounting spec sheet for mount type options		<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
2 T5



Photometry Optics PD Semi-Specular Louver w/ 60% Down Kit

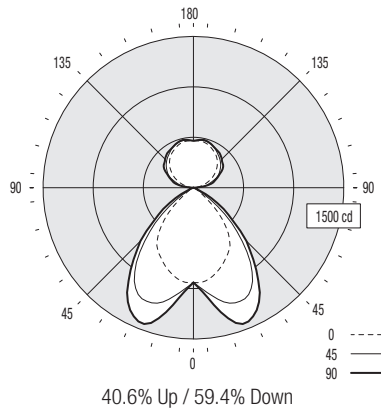
Report Summary

Report # 9900880 **Peak Candela Value*** 485 @ 168°
Filename 7706F02PD.ies **Peak to Zenith Ratio*** 1 : 1
Efficiency 68.2% * 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	940	940	940	940	940	
5	942	970	1008	1024	1035	100
15	874	990	1173	1308	1341	324
25	767	952	1215	1367	1408	530
35	627	891	1020	1088	1129	598
45	350	543	615	692	748	458
55	77	134	214	303	368	203
65	21	26	26	63	62	46
75	7	6	4	2	2	6
85	2	1	0	0	0	0
90	0	0	0	0	0	0
95	25	48	73	63	58	61
105	98	131	168	205	206	171
115	185	214	265	263	276	241
125	266	285	327	346	362	283
135	337	355	378	397	400	290
145	393	403	418	440	435	262
155	431	441	459	468	458	208
165	460	468	478	483	484	135
175	467	470	472	474	473	47
180	465	465	465	465	465	



Coefficients of Utilization (%)

Ceiling:	80					70					50					0						
	70	50	30	10		70	50	30	50	30	10	0	70	50	30	10	0	70	50	30	10	0
0 RCR	74	74	74	74	74	69	69	69	59	59	59	39										
1	69	66	64	62		64	62	60	54	52	51	35										
2	64	59	56	53		59	55	52	48	46	44	31										
3	59	53	49	45		55	50	46	44	41	38	28										
4	54	48	43	39		51	45	41	40	36	34	25										
5	50	43	38	34		47	40	36	36	32	30	22										
6	46	39	34	30		43	37	32	33	29	26	20										
7	43	35	30	27		40	33	29	30	26	23	18										
8	40	32	27	24		37	30	26	27	24	21	16										
9	37	29	25	21		35	28	24	25	21	19	14										
10	35	27	22	19		33	26	21	23	20	17	13										

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	1094	3041	5230
65	405	501	1196
75	220	126	63
85	187	0	0

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

Additional Information

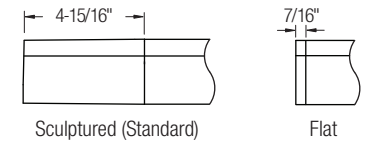
Modules

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

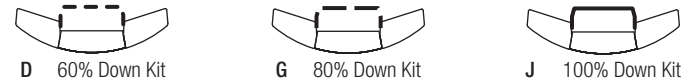


Sling Mount Detail

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.