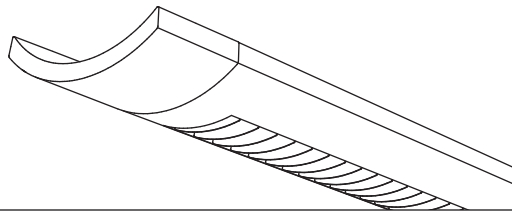


# Sona™



Suspended  
Direct/Indirect  
3 T5



Project Name

Spec Type

Notes


## Order Guide

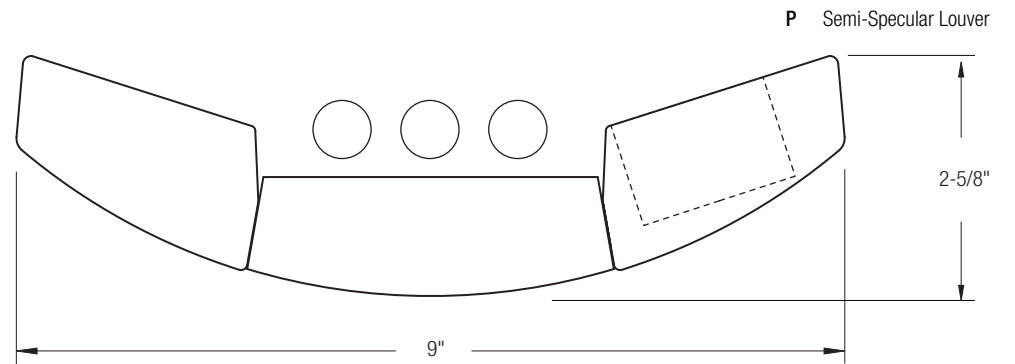
Some combinations of product options may not be available. Consult factory for assistance with your specification.

<b>7706</b>	<b>F03</b>			-		-		-		
<b>Product Series &amp; Type</b> Sona Direct/Indirect	<b>Lamping</b> 3 T5	<b>Lower Optics</b> P Semi-Specular Louver W White Louver	<b>Upper Optics</b> N None D 60% Down Kit G 80% Down Kit J 100% Down Kit Y 2 Down / 1 Up Kit Z 1 Down / 2 Up Kit	<b>Run Length</b> <i>Enter the total run length in feet (4ft increments)</i>	<b>Wiring</b> 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	<b>Voltage</b> 1 120V 2 277V 3 347V	<b>Ballast</b> E Standard Ballast  Consult website for ballast manufacturer information	<b>Color &amp; Finish</b> W Standard White C Factory Color X Custom Color  Consult website for color and finish options		
									<b>Mounting Hardware</b>	
									<input type="text"/>	<input type="text"/>
									<b>Mount Type</b> Consult separate mounting spec sheet for mount type options	<b>Suspension Length</b> <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 <a href="http://www.ledalite.com/response">www.ledalite.com/response</a>	



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3 T5



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

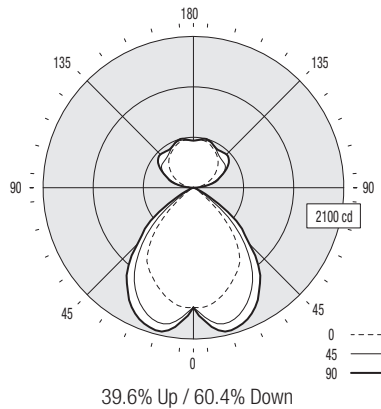
### Report Summary

**Report #** 9900885 **Peak Candela Value\*** 701 @ 165°  
**Filename** 7706F03PD.ies **Peak to Zenith Ratio\*** 1.1 : 1  
**Efficiency** 70% \* 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	1662	1662	1662	1662	1662	
5	1665	1723	1803	1840	1859	177
15	1550	1760	1933	2042	2049	530
25	1361	1650	1769	1894	1927	800
35	1114	1383	1436	1552	1620	890
45	604	815	923	1052	1105	701
55	124	202	308	521	586	322
65	34	38	38	91	115	68
75	10	9	3	4	3	9
85	3	1	0	0	0	1
90	0	0	0	0	0	
95	39	76	110	117	96	100
105	144	224	284	334	318	280
115	269	332	456	455	456	396
125	385	410	542	589	603	453
135	487	508	553	635	653	437
145	563	583	590	621	630	375
155	620	628	655	657	655	298
165	666	663	681	697	701	192
175	663	663	663	664	663	65
180	654	654	654	654	654	



### Coefficients of Utilization (%)

Ceiling:	80				70				50				0			
	70	50	30	10	70	50	30	10	70	50	30	10	70	50	30	10
0 RCR	76	76	76	76	71	71	71	61	61	61	61	40				
1	70	68	66	64	66	63	62	55	54	52	36					
2	65	61	57	54	61	57	54	50	47	45	32					
3	60	54	50	46	56	51	47	45	42	40	29					
4	56	49	44	40	52	46	42	41	37	35	25					
5	51	44	39	35	48	42	37	37	33	31	23					
6	48	40	35	31	45	38	33	34	30	27	20					
7	44	36	31	28	41	34	30	31	27	24	18					
8	41	33	28	25	39	31	27	28	24	22	17					
9	39	30	26	22	36	29	24	26	22	20	15					
10	36	28	23	20	34	27	22	24	20	18	14					

Based on a floor reflectance of 0.2

### Avg. Luminance (cd/m<sup>2</sup>)

Vertical Angle	Horizontal Angle		
	0	45	90
55	1762	4377	8328
65	656	733	2218
75	315	94	94
85	281	0	0

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

## Additional Information

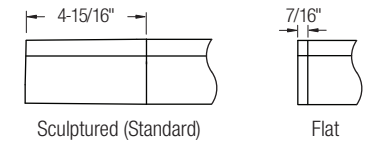
### Modules

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

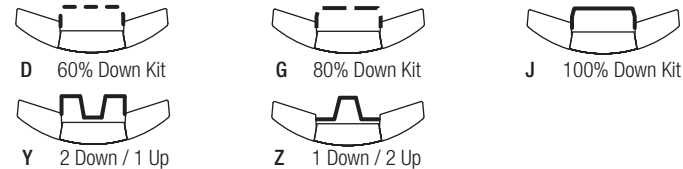


### Sling Mount Detail

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.