

# Achieva®

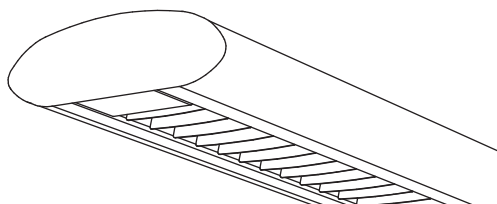


Project Name

Spec Type

Notes

Suspended  
Direct/Indirect  
2 T8





## Order Guide

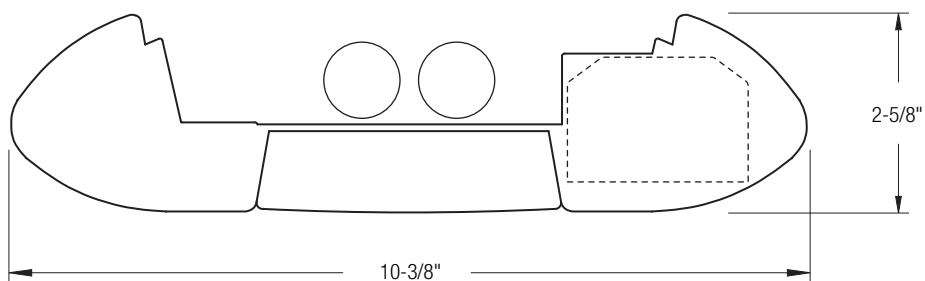
Some combinations of product options may not be available. Consult factory for assistance with your specification.

8816	T02			-		-		-						
Product Series & Type Achieva Direct/Indirect	Lamping 2 T8	Lower Optics <b>W</b> White Louver (34*) <b>P</b> Semi-Specular Louver (15*) <b>S</b> Specular Louver (15*) <b>M</b> Semi-Specular VDT Louver (30*) <b>R</b> Specular VDT Louver (30*)	Upper Optics <b>N</b> None <b>D</b> 60% Down Kit <b>G</b> 80% Down Kit <b>J</b> 100% Down Kit <b>U</b> 80% Up Kit	Run Length <i>Enter the total run length in feet (4ft increments)</i>	Wiring <b>1</b> 1 cct <b>2</b> 2 cct <b>3</b> 1 cct w/ Emergency cct <b>4</b> 2 cct w/ Emergency cct <b>5</b> 1 cct w/ Battery Pack <b>6</b> 2 cct w/ Battery Pack <b>7</b> 1 cct Dimming	Voltage <b>1</b> 120V <b>2</b> 277V <b>3</b> 347V	Ballast <b>E</b> Standard Ballast  Consult website for ballast manufacturer information	Color & Finish <b>W</b> Standard White <b>C</b> Factory Color <b>X</b> Custom Color  Consult website for color and finish options						
		* Number of louver cells per 4ft section See details on reverse		See details on reverse	See details on reverse	Consult website for complete list of standard wiring options	<h3>Mounting Hardware</h3> <table border="1"> <tr> <td><input type="text"/></td> <td><input type="text"/></td> </tr> <tr> <td>Mount Type Consult separate mounting spec sheet for mount type options</td> <td>Suspension Length <i>Enter distance from ceiling to top of fixture in inches</i></td> </tr> </table>				<input type="text"/>	<input type="text"/>	Mount Type Consult separate mounting spec sheet for mount type options	Suspension Length <i>Enter distance from ceiling to top of fixture in inches</i>
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## Upgrades & Accessories

Please indicate with check mark.

<input type="checkbox"/> Lamps Included	<input type="checkbox"/> Lamps Included and Installed
<input type="checkbox"/> Lamp Guard Not available with upper optics option U 	<input type="checkbox"/> Dust Cover 
<input type="checkbox"/> Response Daylight (Integrated Controls) For details visit <a href="http://www.ledalite.com/response">www.ledalite.com/response</a>	



Suspended  
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## Photometry Optics SN Specular Louver

### Report Summary

**Report #** 9900167  
**Filename** 8816T02SN.ies  
**Efficiency** 90.1%

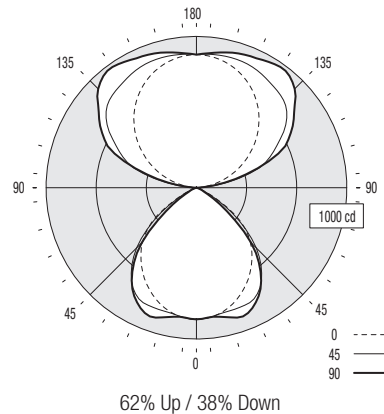
**Peak Candela Value\*** 974 @ 143°  
**Peak to Zenith Ratio\*** 1.1 : 1

\* 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	870	870	870	870	870	
5	865	866	864	865	862	84
15	822	823	844	876	888	241
25	741	758	839	881	879	378
35	636	691	754	763	750	451
45	506	584	563	543	513	418
55	316	357	289	219	190	250
65	78	87	63	44	44	70
75	5	3	2	2	1	6
85	1	0	0	0	0	0
90	0	0	0	0	0	0
95	35	79	74	56	54	82
105	167	293	370	349	342	334
115	314	459	566	630	652	526
125	457	569	725	768	790	601
135	586	668	819	905	924	605
145	697	755	850	943	974	531
155	784	821	881	928	944	404
165	844	862	891	915	924	252
175	875	880	886	891	892	86
180	880	880	880	880	880	



### 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	93	93	93	93	84	84	84	68	68	68	32						
1	86	82	79	76	77	75	72	60	59	57	28						
2	79	73	68	63	71	66	62	54	51	48	25						
3	72	64	58	54	65	59	54	48	44	41	22						
4	66	57	51	46	60	52	47	43	39	36	19						
5	61	51	44	39	55	47	41	38	34	31	17						
6	56	46	39	34	51	42	36	35	30	27	15						
7	52	41	35	30	47	38	32	31	27	24	13						
8	48	37	31	26	43	34	29	29	24	21	12						
9	45	34	28	23	40	31	26	26	22	19	11						
10	42	31	25	21	38	29	23	24	20	17	10						

Based on a floor reflectance of 0.2

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

Vertical Angle	Horizontal Angle		
	0	45	90
55	2646	2420	1591
65	887	716	500
75	93	37	19
85	55	0	0

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

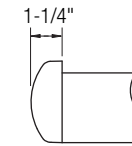
## Additional Information

### Modules

Module length excludes endcaps.  
Nominal mount spacing for individually mounted modules with fixed position mounts.

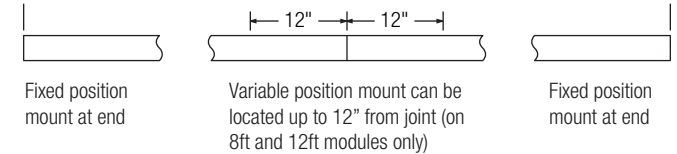
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

### Endcap



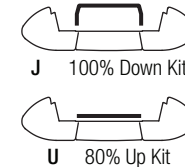
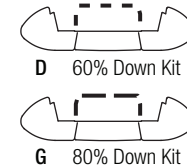
### Mounting in Runs

Fixed position mounts supplied standard at ends.  
Variable position mounts supplied standard at joints.  
Variable position mounts cannot be located on 4ft modules. Optional variable position mounts at ends available upon request (8ft and 12ft modules only).



### Upper Optics

Downlight kits and lamp separators are not recommended with white louvers (lower optics option W), due to potential for excessive louver brightness or shadowing.



## Specifications

Due to continuing product improvements, Ledalite reserves the right to change specifications without notice.

### Housing

6063 T5 extruded aluminum.

### Weight

2.7 lb/ft.

### Optical System

Constructed of 96% reflective white steel to produce a direct/indirect distribution. Louvers are available in white blades and aluminum specular or semi-specular blades. White louver blades are spaced 1.3" apart and are 1.1" deep (34 cells per 4ft section). Standard specular and semi-specular louver blades are spaced 3" apart and are 1" deep (15 cells per 4ft section). Specular VDT and semi-specular VDT louver blades are spaced 1.5" apart and are 1" deep (30 cells per 4ft section). Optional field-installable Variable Optics kits provide additional up or downlight as required.

### Endcaps

Aluminum die-cast endcaps, baked powder coat finish for color.

### Joints

Self-aligning joining system.

### Mounting

Fixed position mounts supplied standard at ends. Variable position mounts supplied standard at joints. Variable position mounts can be located on 8ft or 12ft modules within 12" of joint or end. Aircraft cable gripper is tamper-resistant and provides infinite vertical adjustment capability. Aircraft cable, crimp and cable gripper 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.