

# Achieva®

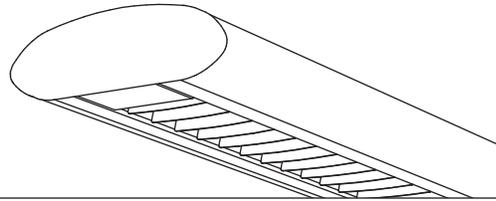


Project Name

Spec Type

Notes

Suspended  
Direct/Indirect  
2 T8



## Order Guide

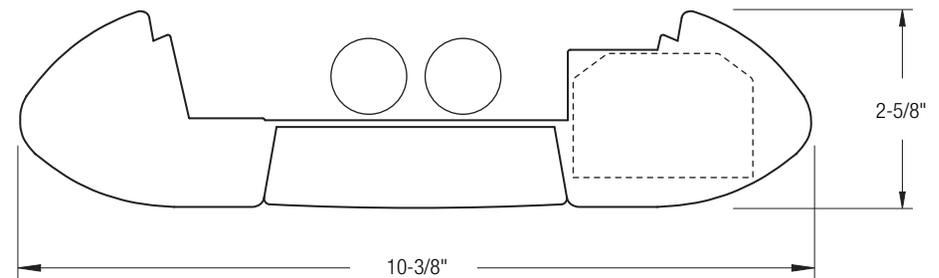
Some combinations of product options may not be available. Consult factory for assistance with your specification.

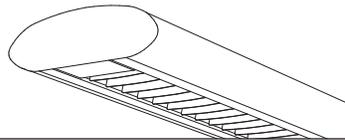
8816	T02			-		-		-						
Product Series & Type Achieva Direct/Indirect	Lamping 2 T8	Lower Optics <b>W</b> White Louver (34*) <b>P</b> Semi-Specular Louver (15*) <b>S</b> Specular Louver (15*) <b>M</b> Semi-Specular VDT Louver (30*) <b>R</b> Specular VDT Louver (30*)	Upper Optics <b>N</b> None <b>D</b> 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>
<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>													

## 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>	





**Photometry** Optics WN White Louver

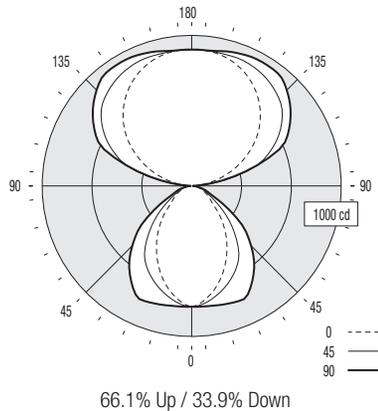
**Report Summary**

**Report #** 2101259 **Peak Candela Value\*** 948 @ 148°  
**Filename** 8816T02WN.ies **Peak to Zenith Ratio\*** 1 : 1  
**Efficiency** 87.2% \* 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	803	803	803	803	803	
5	776	777	791	800	805	76
15	676	684	732	785	816	207
25	544	565	655	758	829	305
35	400	428	551	626	720	337
45	254	278	381	460	562	294
55	149	155	218	282	360	204
65	94	98	117	127	154	118
75	51	54	61	60	81	64
85	17	15	20	19	21	21
90	5	6	8	7	8	
95	53	78	79	45	62	87
105	195	304	389	363	374	352
115	361	474	596	657	689	552
125	517	601	736	790	808	623
135	649	704	824	889	900	616
145	755	786	871	932	947	539
155	834	846	898	936	946	411
165	884	886	902	922	925	256
175	905	905	906	906	906	88
180	906	906	906	906	906	



**Coefficients of Utilization (%)**

Ceiling: Wall:	80				70				50				0
	70	50	30	10	70	50	30	10	50	30	10	0	
0 RCR	89	89	89	89	80	80	80	63	63	63	27		
1	82	78	75	72	73	70	68	56	54	53	24		
2	75	69	64	59	67	62	58	49	47	44	20		
3	68	61	55	50	61	55	50	44	40	37	18		
4	63	54	47	42	56	49	43	39	35	32	15		
5	57	48	41	36	52	43	38	35	31	28	14		
6	53	43	36	31	47	39	33	32	27	24	12		
7	49	39	32	28	44	35	30	29	24	21	11		
8	45	35	29	24	41	32	26	26	22	19	10		
9	42	32	26	22	38	29	24	24	20	17	9		
10	39	29	23	19	35	27	21	22	18	15	8		

Based on a floor reflectance of 0.2

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

Vertical Angle	Horizontal Angle		
	0	45	90
55	2118	3098	5116
65	1813	2257	2970
75	1606	1921	2551
85	1590	1871	1964

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

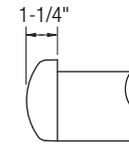
**Additional Information**

**Modules**

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

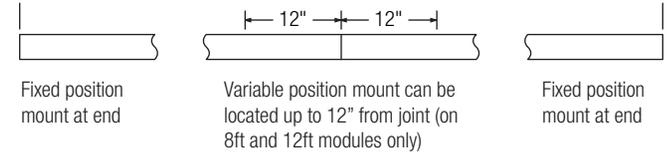
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

**Endcap**



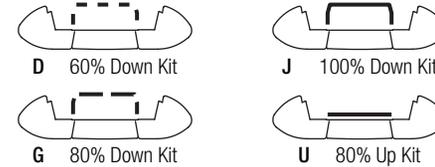
**Mounting in Runs**

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.