

# Achieva®

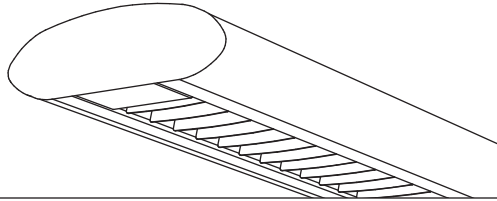


Project Name

Spec Type

Notes

Suspended  
Direct/Indirect  
2 T8





## Order Guide

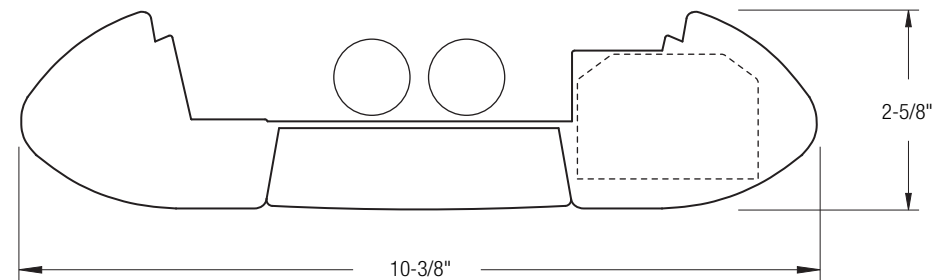
Some combinations of product options may not be available. Consult factory for assistance with your specification.

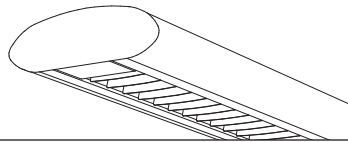
8816	T02			-		-		-				
Product Series & Type Achieva Direct/Indirect	Lamping 2 T8	Lower Optics <b>W</b> White Louver (34*) <b>P</b> Semi-Specular Louver (15*) <b>S</b> Specular Louver (15*) <b>M</b> Semi-Specular VDT Louver (30*) <b>R</b> Specular VDT Louver (30*)	Upper Optics <b>N</b> None <b>D</b> 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	<h3>Mounting Hardware</h3> <div style="display: flex; justify-content: space-between;"> <input type="text"/> <input type="text"/> </div> <table border="1"> <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>		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>
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>											
		* 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							

## 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 SU Specular Louver w/ 80% Up Kit

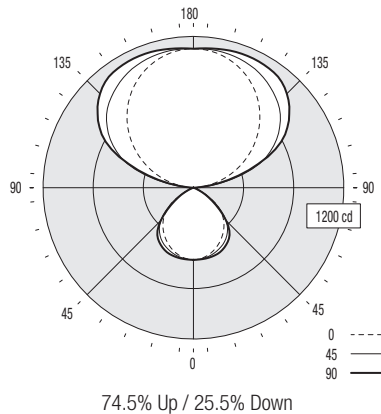
**Report Summary**

**Report #** 9900169 **Peak Candela Value\*** 1131 @ 155°  
**Filename** 8816T02SU.ies **Peak to Zenith Ratio\*** 1 : 1  
**Efficiency** 90.1% \* Between 90-180° vertical angle

Meets RP-1-04 recommendations for VDT-Intensive spaces

**Candela Distribution**

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	572	572	572	572	572	
5	567	569	569	572	571	56
15	537	544	553	564	566	156
25	485	498	518	541	545	238
35	418	437	464	485	494	287
45	334	361	368	373	368	277
55	213	228	209	192	183	184
65	52	62	60	55	50	60
75	4	3	1	1	0	3
85	1	0	0	0	0	0
90	0	0	0	0	0	0
95	50	81	79	58	58	90
105	226	363	407	374	372	379
115	411	546	675	717	721	615
125	589	693	840	908	930	715
135	749	822	953	1033	1054	716
145	884	933	1023	1093	1117	634
155	988	1016	1071	1115	1131	492
165	1060	1073	1097	1118	1126	310
175	1098	1100	1105	1108	1110	106
180	1103	1103	1103	1103	1103	



**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	91	91	91	91	80	80	80	62	62	62	21						
1	83	79	76	73	74	71	68	55	53	51	19						
2	76	70	65	61	67	62	58	48	45	43	16						
3	69	62	56	51	61	55	50	43	39	37	14						
4	63	55	48	43	56	49	43	38	34	31	12						
5	58	48	42	37	52	43	38	34	30	27	11						
6	53	43	37	32	47	39	33	31	26	23	10						
7	49	39	32	28	44	35	29	28	23	20	9						
8	46	35	29	24	41	32	26	25	21	18	8						
9	42	32	26	21	38	29	23	23	19	16	7						
10	39	29	23	19	35	26	21	21	17	14	6						

Based on a floor reflectance of 0.2

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

Vertical Angle	Horizontal Angle		
	0	45	90
55	1784	1750	1533
65	591	682	568
75	74	19	0
85	55	0	0

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

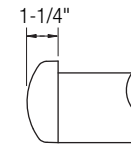
**Additional Information**

**Modules**

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

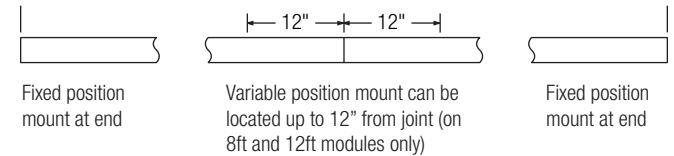
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

**Endcap**



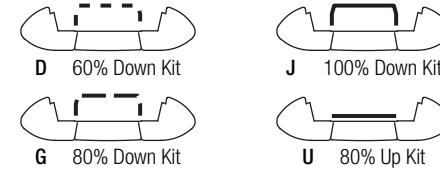
**Mounting in Runs**

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.