

# Achieva®

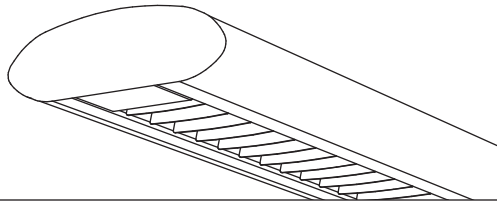


Project Name

Spec Type

Notes

Suspended  
Direct/Indirect  
2 T8





## Order Guide

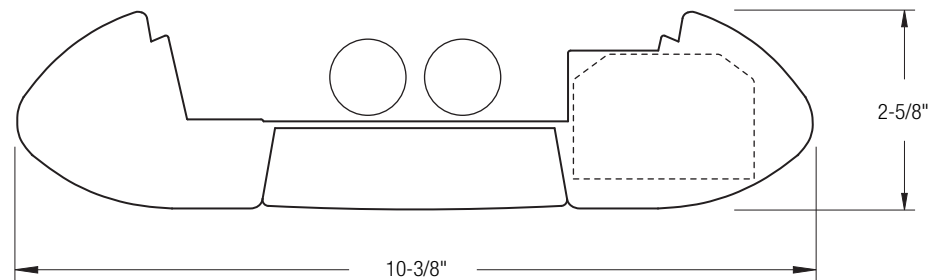
Some combinations of product options may not be available. Consult factory for assistance with your specification.

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	<b>Mounting Hardware</b> <input type="text"/> <input type="text"/> <b>Mount Type</b> <input type="text"/> <b>Suspension Length</b> <input type="text"/> <i>Enter distance from ceiling to top of fixture in inches</i> Consult separate mounting spec sheet for mount type 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					

## 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 WU White Louver w/ 80% Up Kit

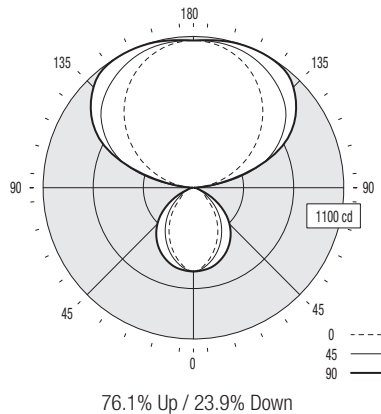
**Report Summary**

**Report #** 2101339 **Peak Candela Value\*** 1101 @ 153°  
**Filename** 8816T02WU.ies **Peak to Zenith Ratio\*** 1 : 1  
**Efficiency** 85.7% \* 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	610	610	610	610	610	
5	591	589	598	602	606	57
15	511	510	539	563	586	151
25	411	414	457	494	538	211
35	301	306	359	408	468	227
45	185	193	254	306	373	199
55	105	105	148	193	250	140
65	65	66	77	91	117	82
75	37	36	40	34	33	40
85	12	10	12	9	10	13
90	4	5	5	4	4	
95	50	82	88	55	62	90
105	206	348	412	366	380	372
115	384	521	660	691	718	596
125	558	659	820	880	912	691
135	715	786	926	1007	1034	693
145	851	895	992	1066	1093	615
155	956	980	1041	1084	1101	477
165	1028	1038	1067	1088	1095	300
175	1066	1067	1072	1076	1077	105
180	1071	1071	1071	1071	1071	



**Coefficients of Utilization (%)**

Ceiling: Walk:	80				70				50				0
	70	50	30	10	70	50	30	10	50	30	10	0	
0 RCR	86	86	86	86	76	76	76	58	58	58	19		
1	78	75	72	69	69	67	64	51	49	48	16		
2	72	66	61	57	63	58	54	45	42	40	14		
3	65	58	52	47	58	52	47	40	36	34	12		
4	60	51	45	40	53	46	40	35	32	29	11		
5	55	46	39	34	48	41	35	32	28	25	9		
6	50	41	34	30	45	36	31	28	24	22	8		
7	47	37	30	26	41	33	27	26	22	19	7		
8	43	33	27	23	38	30	24	23	19	17	7		
9	40	30	24	20	35	27	22	21	17	15	6		
10	37	28	22	18	33	25	20	19	16	13	5		

Based on a floor reflectance of 0.2

**Avg. Luminance (cd/m²)**

Vertical Angle	Horizontal Angle		
	0	45	90
55	1492	2103	3553
65	1254	1485	2257
75	1165	1260	1039
85	1122	1122	935

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

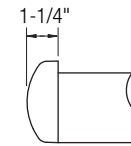
**Additional Information**

**Modules**

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

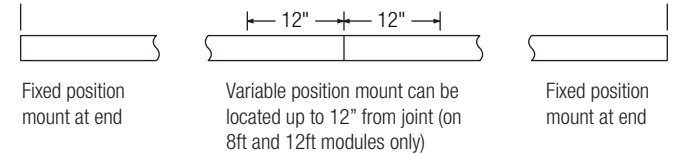
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

**Endcap**



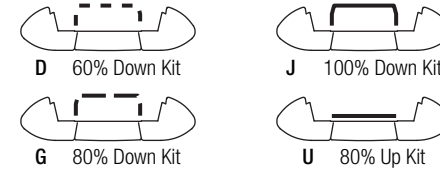
**Mounting in Runs**

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.