

# Achieva®

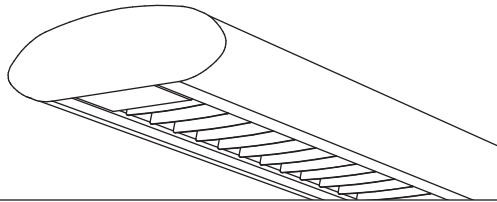


Project Name

Spec Type

Notes

Suspended  
Direct/Indirect  
2 T8





## Order Guide

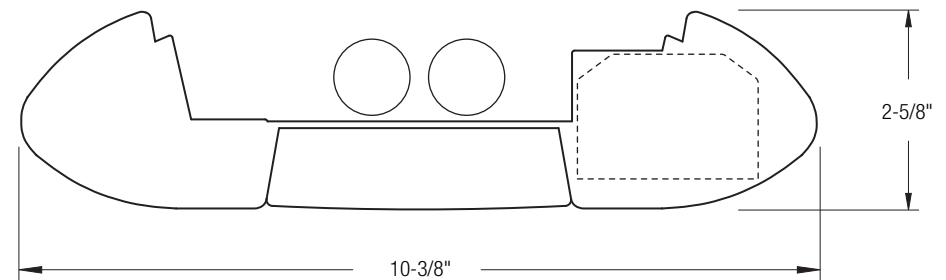
Some combinations of product options may not be available. Consult factory for assistance with your specification.

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	Mounting Hardware <input type="text"/> <input type="text"/>	
		* 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	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 PJ Semi-Specular Louver w/ 100% Down Kit

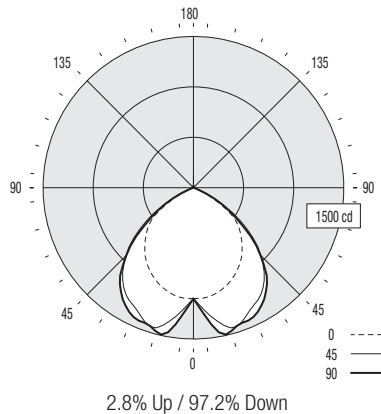
**Report Summary**

**Report #** 9900207 **Peak Candela Value\*** N/A  
**Filename** 8816T02PJ.ies **Peak to Zenith Ratio\*** N/A : 1  
**Efficiency** 54.6% \* 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	1100	1100	1100	1100	1100	
5	1099	1150	1216	1251	1266	121
15	1053	1249	1440	1469	1470	381
25	963	1281	1337	1392	1415	599
35	837	1154	1211	1236	1260	724
45	670	925	951	945	945	697
55	455	617	570	516	514	486
65	135	193	180	158	141	173
75	14	14	9	6	4	15
85	1	1	1	1	0	1
90	0	0	0	0	0	
95	1	1	2	2	2	0
105	2	2	2	2	3	4
115	3	3	3	3	3	4
125	3	5	4	5	5	4
135	3	7	6	7	7	4
145	3	7	9	9	10	4
155	3	5	11	14	14	4
165	3	4	4	11	13	2
175	3	3	3	3	3	0
180	3	3	3	3	3	



**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 RCR	65	65	65	65	63	63	63	60	60	60	54						
1	60	58	56	55	59	57	55	55	53	52	48						
2	56	52	49	47	54	51	48	49	47	45	42						
3	51	47	43	40	50	46	42	44	41	39	36						
4	47	42	38	34	46	41	37	40	36	34	32						
5	44	38	33	30	43	37	33	36	32	29	28						
6	41	34	30	26	40	33	29	32	29	26	24						
7	38	31	26	23	37	30	26	30	26	23	22						
8	35	28	24	21	34	28	24	27	23	21	19						
9	33	26	22	19	32	25	21	25	21	19	17						
10	31	24	20	17	30	24	20	23	19	17	16						

Based on a floor reflectance of 0.2

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

Vertical Angle	Horizontal Angle		
	0	45	90
55	6466	8101	7305
65	2604	3472	2720
75	441	283	126
85	94	94	0

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

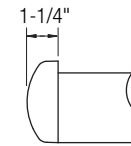
**Additional Information**

**Modules**

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

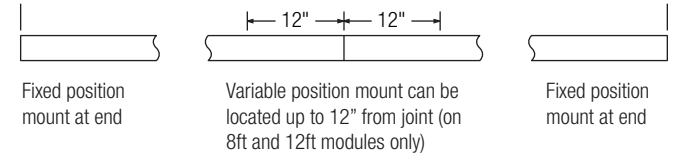
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

**Endcap**



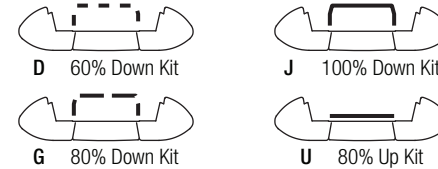
**Mounting in Runs**

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.