

# Achieva®

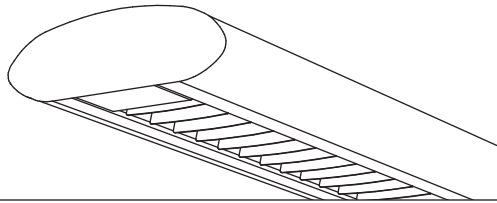


Project Name

Spec Type

Notes

Suspended  
Direct/Indirect  
2 T8





## Order Guide

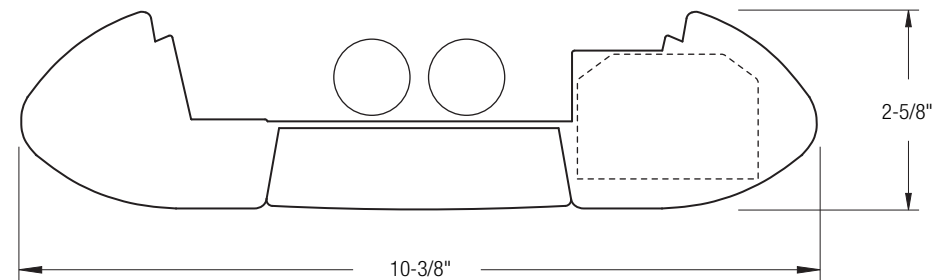
Some combinations of product options may not be available. Consult factory for assistance with your specification.

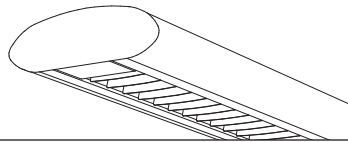
8816	T02			-		-		-		
Product Series & Type Achieva Direct/Indirect	Lamping 2 T8	Lower Optics <b>W</b> White Louver (34*) <b>P</b> Semi-Specular Louver (15*) <b>S</b> Specular Louver (15*) <b>M</b> Semi-Specular VDT Louver (30*) <b>R</b> Specular VDT Louver (30*)	Upper Optics <b>N</b> None <b>D</b> 60% 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 PU Semi-Specular Louver w/ 80% Up Kit

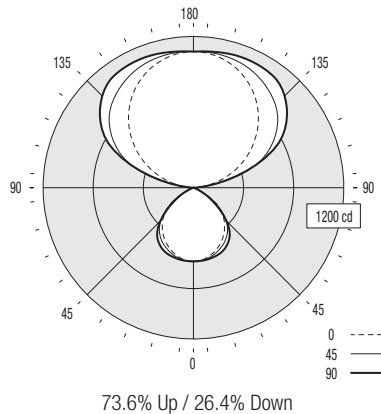
**Report Summary**

**Report #** 9900205 **Peak Candela Value\*** 1105 @ 158°  
**Filename** 8816T02PU.ies **Peak to Zenith Ratio\*** 1 : 1  
**Efficiency** 88.2% \* 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	585	585	585	585	585	
5	581	581	582	584	584	57
15	549	553	563	573	576	159
25	498	505	522	547	554	242
35	429	439	465	488	498	289
45	341	355	369	372	373	277
55	229	229	218	197	191	189
65	68	71	66	57	50	66
75	7	5	3	1	1	7
85	2	0	0	0	0	0
90	0	0	0	0	0	0
95	50	77	54	36	44	75
105	218	349	375	339	351	353
115	401	533	647	679	698	592
125	575	677	813	877	905	694
135	732	804	927	1004	1029	697
145	864	911	996	1067	1093	619
155	966	994	1046	1088	1104	480
165	1037	1050	1072	1093	1100	303
175	1075	1077	1081	1085	1086	106
180	1080	1080	1080	1080	1080	



**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	79	79	79	61	61	61	21		
1	81	78	75	72	72	69	67	54	52	51	19		
2	74	68	64	59	66	61	57	48	45	42	17		
3	68	60	54	50	60	54	49	42	39	36	14		
4	62	53	47	42	55	48	43	38	34	31	13		
5	57	48	41	36	51	43	37	34	30	27	11		
6	52	43	36	31	47	38	33	30	26	23	10		
7	48	38	32	27	43	34	29	27	23	20	9		
8	45	35	28	24	40	31	26	25	21	18	8		
9	42	31	25	21	37	28	23	22	19	16	7		
10	39	29	23	19	34	26	21	21	17	14	6		

Based on a floor reflectance of 0.2

**Avg. Luminance (cd/m²)**

Vertical Angle	Horizontal Angle		
	0	45	90
55	3254	3098	2714
65	1312	1273	964
75	220	94	31
85	187	0	0

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

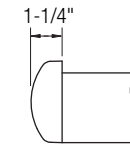
**Additional Information**

**Modules**

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

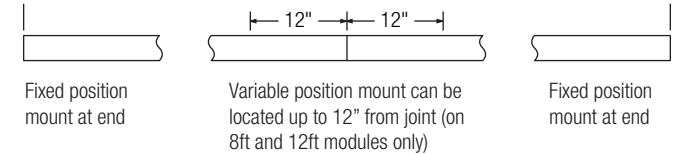
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

**Endcap**



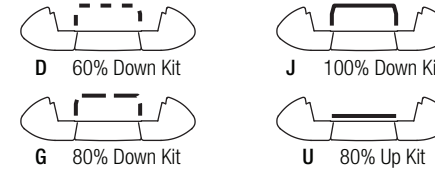
**Mounting in Runs**

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.