

# Achieva®

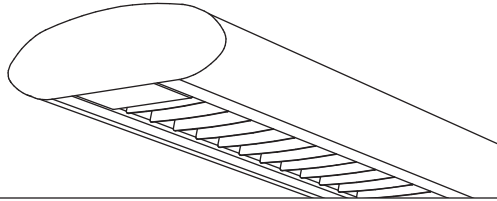


Project Name

Spec Type

Notes

Suspended  
Direct/Indirect  
3 T8





## Order Guide

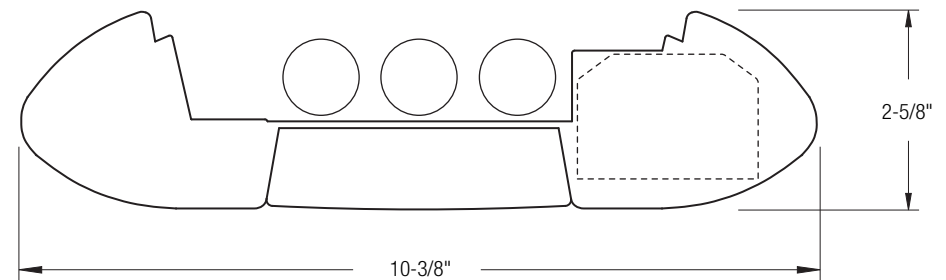
Some combinations of product options may not be available. Consult factory for assistance with your specification.

8816	T03			-		-		-		
Product Series & Type Achieva Direct/Indirect	Lamping 3 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 <b>Y</b> 2 Down / 1 Up <b>Z</b> 1 Down / 2 Up	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 SG Specular Louver w/ 80% Down Kit

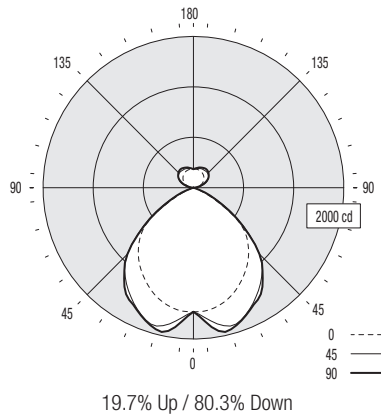
**Report Summary**

**Report #** 9900162 **Peak Candela Value\*** 299 @ 145°  
**Filename** 8816T03SG.ies **Peak to Zenith Ratio\*** 1.2 : 1  
**Efficiency** 60.6% \* 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	1641	1641	1641	1641	1641	
5	1638	1666	1723	1758	1775	169
15	1568	1722	1894	1945	1937	515
25	1426	1703	1770	1793	1782	791
35	1247	1533	1552	1604	1600	952
45	1023	1269	1244	1238	1241	931
55	676	808	720	704	692	646
65	167	213	244	245	241	234
75	9	8	8	3	2	18
85	1	0	0	0	0	0
90	0	0	0	0	0	0
95	19	26	29	26	16	31
105	71	117	124	111	97	115
115	126	176	201	191	182	178
125	165	206	243	249	247	202
135	196	227	268	282	281	196
145	220	244	273	295	299	168
155	238	253	273	286	291	124
165	246	256	263	273	276	75
175	246	249	252	255	255	24
180	244	244	244	244	244	



**Coefficients of Utilization (%)**

Ceiling: Walk:	80				70				50				0
	70	50	30	10	70	50	30	10	50	30	10	0	
0 RCR	69	69	69	69	66	66	66	60	60	60	48		
1	64	62	60	58	61	59	57	54	53	52	42		
2	59	55	52	49	56	53	50	49	46	44	37		
3	54	49	45	42	52	47	43	44	41	38	32		
4	50	44	39	36	48	42	38	39	36	33	28		
5	46	39	35	31	44	38	34	35	32	29	25		
6	43	36	31	27	41	34	30	32	28	25	22		
7	40	32	27	24	38	31	27	29	25	23	19		
8	37	29	25	21	35	28	24	27	23	20	17		
9	34	27	22	19	33	26	22	24	21	18	16		
10	32	25	20	17	31	24	20	23	19	16	14		

Based on a floor reflectance of 0.2

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

Vertical Angle	Horizontal Angle		
	0	45	90
55	5661	6030	5795
65	1898	2773	2739
75	167	148	37
85	55	0	0

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

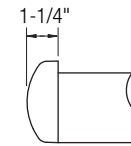
**Additional Information**

**Modules**

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

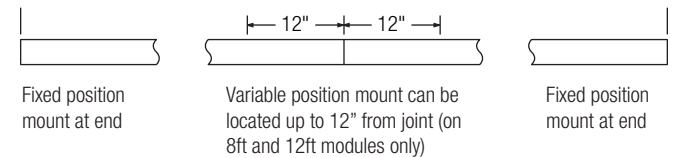
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

**Endcap**



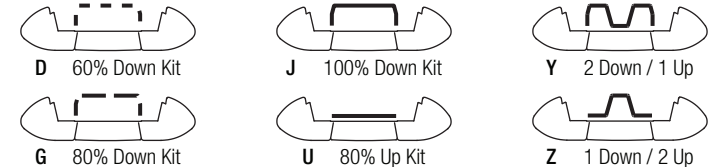
**Mounting in Runs**

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.