

# Achieva®

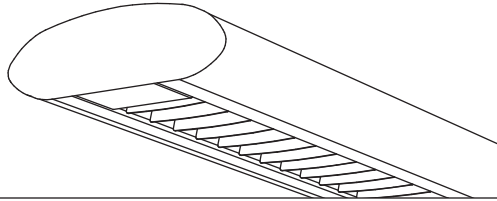


Project Name

Spec Type

Notes

Suspended  
Direct/Indirect  
3 T8





## Order Guide

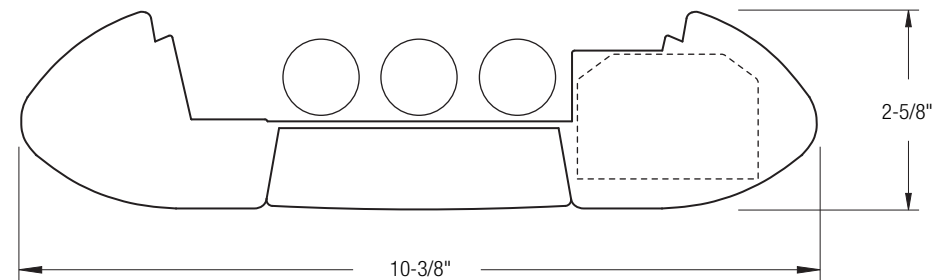
Some combinations of product options may not be available. Consult factory for assistance with your specification.

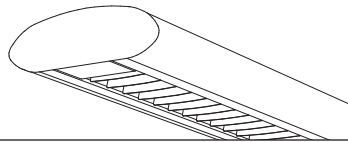
8816	T03			-		-		-		
Product Series & Type Achieva Direct/Indirect	Lamping 3 T8	Lower Optics <b>W</b> White Louver (34*) <b>P</b> Semi-Specular Louver (15*) <b>S</b> Specular Louver (15*) <b>M</b> Semi-Specular VDT Louver (30*) <b>R</b> Specular VDT Louver (30*)	Upper Optics <b>N</b> None <b>D</b> 60% 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 MU Semi-Specular VDT Louver w/ 80% Up Kit

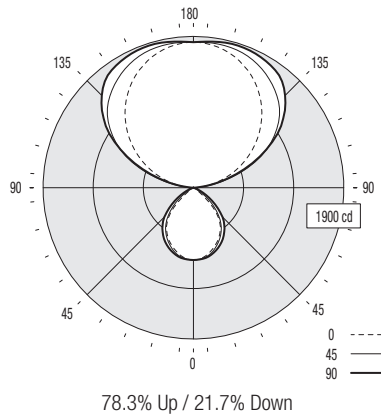
**Report Summary**

**Report #** 9900394 **Peak Candela Value\*** 1872 @ 163°  
**Filename** 8816T03MU.ies **Peak to Zenith Ratio\*** 1 : 1  
**Efficiency** 88.1% \* 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	908	908	908	908	908	
5	899	900	902	904	905	87
15	830	838	854	867	871	240
25	731	737	751	780	794	348
35	594	599	615	644	678	387
45	349	374	411	459	519	318
55	56	78	174	241	289	153
65	11	12	18	66	100	41
75	5	4	3	3	3	5
85	3	0	0	0	1	0
90	0	0	0	0	0	0
95	75	100	92	60	63	108
105	360	503	495	448	447	489
115	661	849	948	918	925	864
125	951	1115	1286	1332	1353	1089
135	1218	1346	1522	1612	1638	1138
145	1446	1539	1667	1765	1802	1032
155	1627	1684	1772	1834	1858	811
165	1752	1779	1823	1858	1871	514
175	1819	1824	1833	1840	1842	179
180	1828	1828	1828	1828	1828	



**Coefficients of Utilization (%)**

Ceiling: Wall:	80				70				50				0				
	70	50	30	10	70	50	30	10	50	30	10	0	70	50	30	10	0
0 RCR	88	88	88	88	78	78	78	58	58	58	17						
1	81	77	74	71	71	68	66	52	50	49	16						
2	74	68	63	59	65	60	56	46	43	41	14						
3	67	60	54	50	59	53	49	41	38	35	12						
4	62	53	47	42	55	47	42	37	33	30	11						
5	57	47	41	36	50	42	37	33	29	26	10						
6	52	42	36	31	46	38	32	29	26	23	9						
7	48	38	32	27	43	34	29	27	23	20	8						
8	45	35	28	24	39	31	26	24	20	18	7						
9	41	31	25	21	37	28	23	22	18	16	6						
10	39	29	23	19	34	26	21	20	17	14	6						

Based on a floor reflectance of 0.2

**Avg. Luminance (cd/m²)**

Vertical Angle	Horizontal Angle		
	0	45	90
55	796	2473	4107
65	212	347	1929
75	157	94	94
85	281	0	94

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

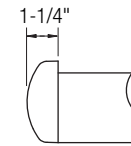
**Additional Information**

**Modules**

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

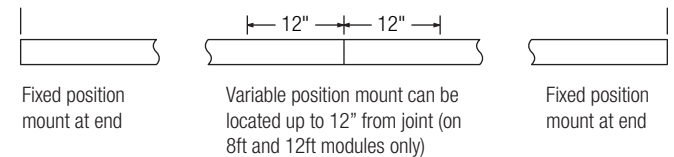
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

**Endcap**



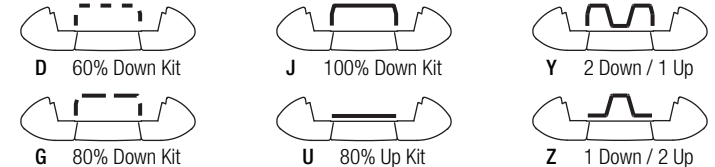
**Mounting in Runs**

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.