

# Achieva®

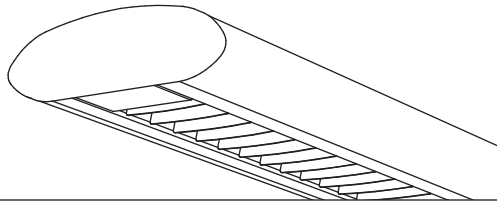


Project Name

Spec Type

Notes

Suspended  
 Direct/Indirect  
 2 T8





## Order Guide

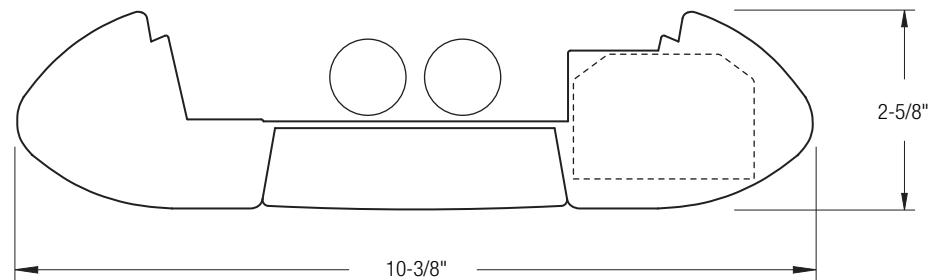
Some combinations of product options may not be available. Consult factory for assistance with your specification.

<b>8816</b>	<b>T02</b>			-		-		-		
<b>Product Series &amp; Type</b> Achieva Direct/Indirect	<b>Lamping</b> 2 T8	<b>Lower Optics</b> <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*)	<b>Upper Optics</b> <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>Run Length</b> <i>Enter the total run length in feet (4ft increments)</i>	<b>Wiring</b> <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	<b>Voltage</b> <b>1</b> 120V <b>2</b> 277V <b>3</b> 347V	<b>Ballast</b> <b>E</b> Standard Ballast  Consult website for ballast manufacturer information	<b>Color &amp; Finish</b> <b>W</b> Standard White <b>C</b> Factory Color <b>X</b> Custom Color  Consult website for color and finish 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	<b>Mounting Hardware</b> <input type="text"/> <input type="text"/> <b>Mount Type</b> <input type="text"/> <b>Suspension Length</b> <input type="text"/> Consult separate mounting spec sheet for mount type options <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 MN Semi-Specular VDT Louver

**Report Summary**

**Report #** 9900381  
**Filename** 8816T02MN.ies  
**Efficiency** 85.5%

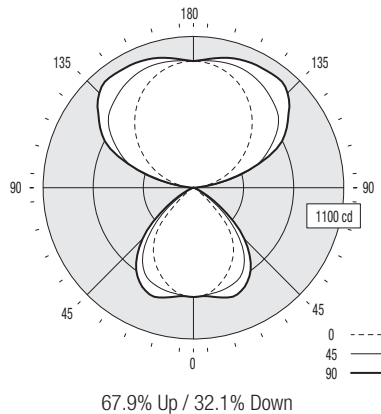
**Peak Candela Value\*** 1009 @ 143°  
**Peak to Zenith Ratio\*** 1.1 : 1

\* 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	795	795	795	795	795	
5	788	788	789	791	791	76
15	729	738	776	815	827	220
25	636	666	750	810	827	340
35	509	573	650	698	730	394
45	265	371	431	486	526	321
55	42	76	161	211	237	138
65	10	11	14	40	53	28
75	4	3	3	2	3	3
85	2	0	0	0	0	0
90	0	0	0	0	0	0
95	38	70	53	34	36	70
105	169	303	360	327	332	327
115	320	466	592	650	672	540
125	467	586	754	813	843	628
135	605	699	843	946	974	632
145	723	792	896	976	1008	554
155	816	860	931	982	1001	426
165	881	902	939	968	978	264
175	916	920	928	934	935	89
180	920	920	920	920	920	



**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	87	87	87	87	78	78	78	61	61	61	25					
1	80	77	74	71	72	69	67	55	53	52	23					
2	74	68	63	59	66	61	57	49	46	44	20					
3	68	60	55	50	61	55	50	44	40	38	18					
4	62	54	48	43	56	49	44	39	36	33	16					
5	57	48	42	37	51	44	38	35	31	28	14					
6	53	43	37	32	47	39	34	32	28	25	13					
7	49	39	33	28	44	36	30	29	25	22	12					
8	45	35	29	25	41	32	27	26	22	20	10					
9	42	32	26	22	38	29	24	24	20	18	9					
10	39	29	24	20	35	27	22	22	18	16	9					

Based on a floor reflectance of 0.2

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

Vertical Angle	Horizontal Angle		
	0	45	90
55	597	2288	3368
65	193	270	1022
75	126	94	94
85	187	0	0

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

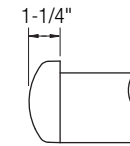
**Additional Information**

**Modules**

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

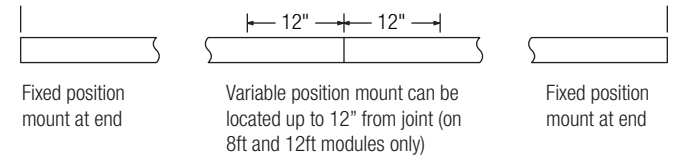
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

**Endcap**



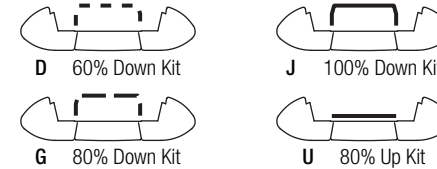
**Mounting in Runs**

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.