

# Achieva®

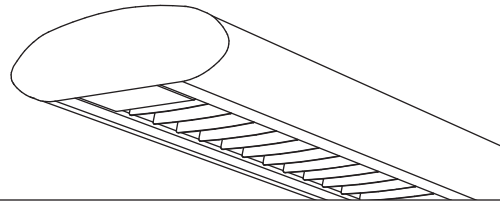


Project Name

Spec Type

Notes

Suspended  
Direct/Indirect  
3 T5HO




## Order Guide

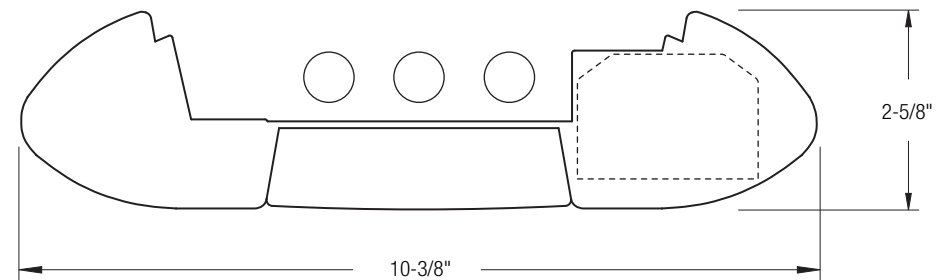
Some combinations of product options may not be available. Consult factory for assistance with your specification.

<b>8816</b>	<b>H03</b>			-		-		-		
Product Series & Type Achieva Direct/Indirect	Lamping 3 T5HO	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		
<h3>Mounting Hardware</h3> <p><input type="text"/> <input type="text"/></p> <table border="1"> <tr> <td>Mount Type Consult separate mounting spec sheet for mount type options</td> <td>Suspension Length <i>Enter distance from ceiling to top of fixture in inches</i></td> </tr> </table>									Mount Type Consult separate mounting spec sheet for mount type options	Suspension Length <i>Enter distance from ceiling to top of fixture in inches</i>
Mount Type Consult separate mounting spec sheet for mount type options	Suspension Length <i>Enter distance from ceiling to top of fixture in inches</i>									
		* 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					

## Upgrades & Accessories

Please indicate with check mark.

<input type="checkbox"/> Lamps Included	<input checked="" type="checkbox"/> Lamps Included and Installed
<input type="checkbox"/> Lamp Guard Not available with upper optics option U	
<input type="checkbox"/> Response Daylight (Integrated Controls) For details visit <a href="http://www.ledalite.com/response">www.ledalite.com/response</a>	



# Achieva®

Suspended  
Direct/Indirect  
3 T5HO



## Photometry Optics MG Semi-Specular VDT Louver w/ 80% Down Kit

### Report Summary

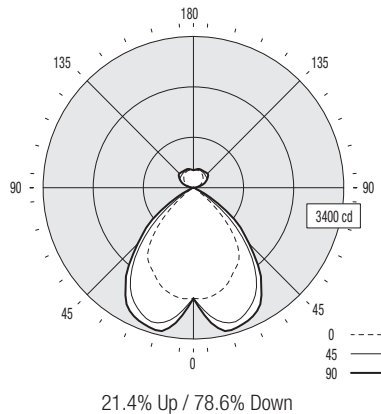
**Report #** 9900403 **Peak Candela Value\*** 449 @ 135°  
**Filename** 8816H03MG.ies **Peak to Zenith Ratio\*** 1.1 : 1  
**Efficiency** 53%

\* 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	2488	2488	2488	2488	2488	
5	2504	2615	2768	2845	2878	272
15	2396	2808	3146	3309	3313	852
25	2118	2746	2989	3149	3186	1326
35	1802	2334	2480	2639	2671	1498
45	972	1341	1554	1750	1784	1152
55	153	250	487	822	897	489
65	31	34	42	132	126	87
75	8	8	8	8	7	10
85	2	1	1	1	1	1
90	0	0	0	0	0	
95	28	46	46	43	22	49
105	104	170	195	179	157	177
115	184	244	302	305	297	270
125	250	293	373	393	393	307
135	309	336	386	435	449	297
145	353	369	404	434	439	252
155	389	396	415	434	439	192
165	404	417	418	434	437	120
175	398	401	406	408	407	41
180	392	392	392	392	392	



### Coefficients of Utilization (%)

Ceiling: Wall:	80				70				50				0	
	70	50	30	10	70	50	30	10	50	30	10	0	0	
0 RCR	60	60	60	60	57	57	57	52	52	52	40			
1	56	54	52	51	53	52	50	47	46	45	37			
2	52	49	46	44	50	47	44	43	41	39	33			
3	48	44	41	38	46	42	39	39	37	35	29			
4	45	40	36	33	43	38	35	35	33	31	26			
5	41	36	32	29	40	35	31	32	29	27	23			
6	39	33	29	26	37	32	28	29	26	24	21			
7	36	30	26	23	34	29	25	27	24	22	19			
8	33	27	24	21	32	26	23	25	22	20	17			
9	31	25	21	19	30	24	21	23	20	18	15			
10	29	23	20	17	28	23	19	21	18	16	14			

Based on a floor reflectance of 0.2

### Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	2174	6921	12748
65	598	810	2430
75	252	252	220
85	187	94	94

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

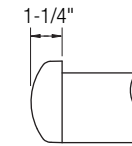
## Additional Information

### Modules

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

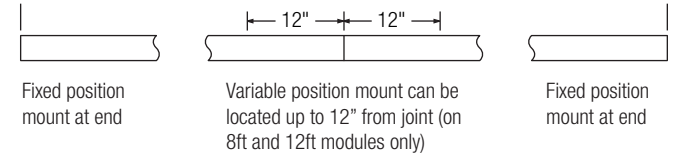
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

### Endcap



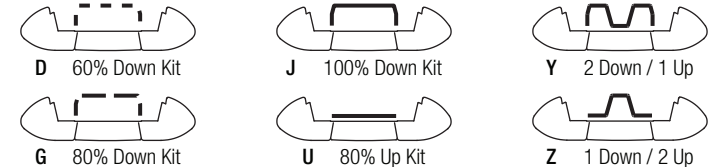
### Mounting in Runs

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.