

# Achieva®

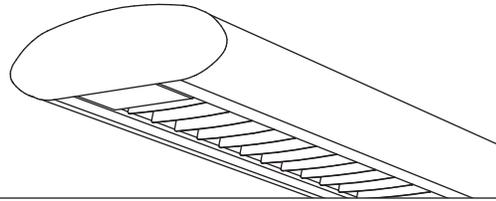


Project Name

Spec Type

Notes

Suspended  
 Direct/Indirect  
 1 T5HO



## Order Guide

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

<b>8816</b>	<b>H01</b>			-		-		-					
<b>Product Series &amp; Type</b> Achieva Direct/Indirect	<b>Lamping</b> 1 T5HO	<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> Enter the total run length in feet (4ft increments)	<b>Wiring</b> <b>1</b> 1 cct <b>3</b> 1 cct w/ Emergency cct <b>5</b> 1 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					
									<b>Mounting Hardware</b>				
									<table border="1"> <tr> <td><input type="text"/></td> <td><input type="text"/></td> </tr> <tr> <td><b>Mount Type</b> Consult separate mounting spec sheet for mount type options</td> <td><b>Suspension Length</b> Enter distance from ceiling to top of fixture in inches</td> </tr> </table>	<input type="text"/>	<input type="text"/>	<b>Mount Type</b> Consult separate mounting spec sheet for mount type options	<b>Suspension Length</b> Enter distance from ceiling to top of fixture in inches
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<b>Mount Type</b> Consult separate mounting spec sheet for mount type options	<b>Suspension Length</b> Enter distance from ceiling to top of fixture in inches												
		* 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

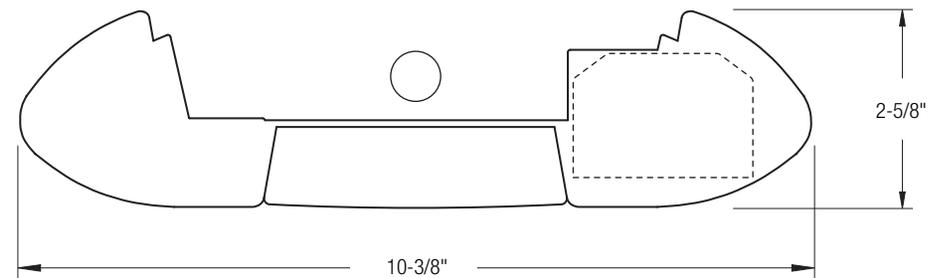
Please indicate with check mark.

Lamps Included  Lamps Included and Installed

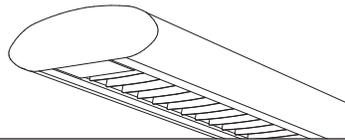
Lamp Guard  
 Not available with upper optics option U



Response Daylight (Integrated Controls)  
 For details visit [www.ledalite.com/response](http://www.ledalite.com/response)



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## Photometry Optics RU Specular VDT Louver w/ 80% Up Kit

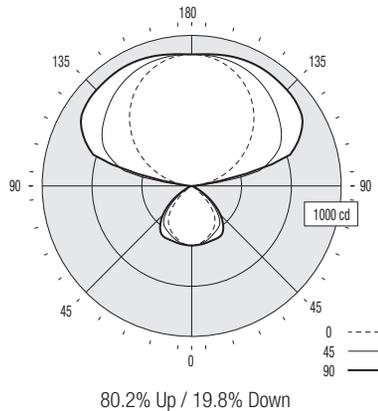
### Report Summary

**Report #** 2101310 **Peak Candela Value\*** 911 @ 148°  
**Filename** 8816H01RU.ies **Peak to Zenith Ratio\*** 1 : 1  
**Efficiency** 93.3% \* 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	396	396	396	396	396	
5	393	392	394	395	395	38
15	366	366	377	387	390	107
25	329	331	350	375	387	164
35	272	281	322	343	365	197
45	155	172	234	241	272	165
55	35	38	100	116	138	78
65	4	6	10	24	30	16
75	4	5	4	4	4	5
85	5	4	4	4	4	4
90	4	5	6	6	6	6
95	41	94	58	32	38	87
105	165	349	511	516	555	438
115	313	456	656	752	802	598
125	458	557	722	841	882	624
135	587	655	776	871	901	590
145	697	739	822	888	909	510
155	782	805	855	895	909	393
165	840	850	871	890	896	247
175	870	871	875	878	879	84
180	874	874	874	874	874	



### Coefficients of Utilization (%)

Ceiling:	80				70				50				0
	70	50	30	10	70	50	30	10	50	30	10	0	
0 RCR	92	92	92	92	81	81	81	61	61	61	16		
1	85	81	78	75	74	71	69	54	52	50	14		
2	77	71	66	62	68	63	59	47	45	42	13		
3	71	63	57	52	62	56	50	42	39	36	11		
4	65	56	49	44	57	49	44	37	34	31	10		
5	59	49	43	37	52	44	38	33	30	26	9		
6	55	44	37	32	48	39	33	30	26	23	8		
7	50	40	33	28	44	35	30	27	23	20	7		
8	47	36	29	25	41	32	26	25	21	18	6		
9	43	33	26	22	38	29	24	22	19	16	6		
10	40	30	23	19	35	27	21	21	17	14	5		

Based on a floor reflectance of 0.2

### Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	293	837	1156
65	45	114	341
75	74	74	74
85	276	220	220

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

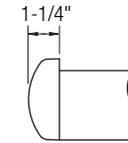
## Additional Information

### Modules

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

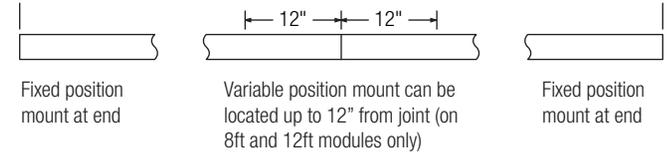
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

### Endcap



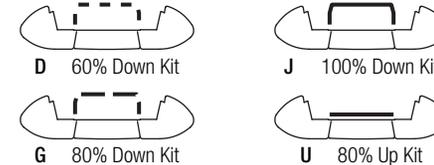
### Mounting in Runs

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.