

# Achieva®

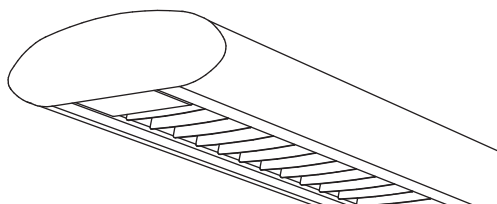


Project Name

Spec Type

Notes

Suspended  
Direct/Indirect  
2 T5HO



## Order Guide

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


<b>8816</b>	<b>H02</b>			-		-		-	
<b>Product Series &amp; Type</b> Achieva Direct/Indirect	<b>Lamping</b> 2 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> <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

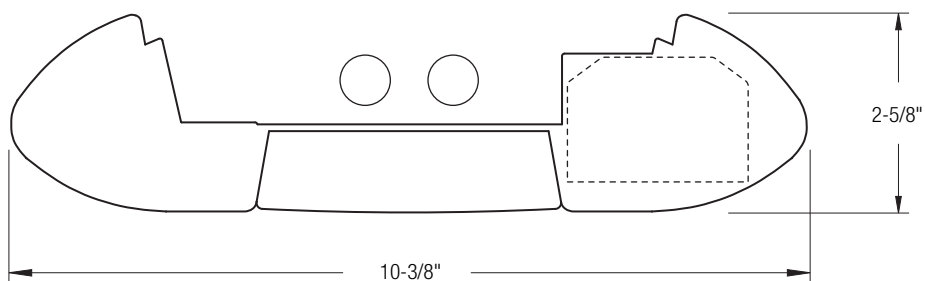
Please indicate with check mark.

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 WU White Louver w/ 80% Up Kit

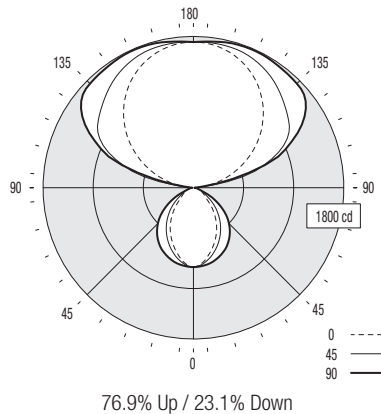
### Report Summary

**Report #** 2101325 **Peak Candela Value\*** 1787 @ 155°  
**Filename** 8816H02WU.ies **Peak to Zenith Ratio\*** 1 : 1  
**Efficiency** 90.5% \* 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	945	945	945	945	945	
5	918	913	928	933	940	88
15	789	794	840	876	910	236
25	638	646	713	777	844	330
35	468	481	567	649	745	359
45	289	305	405	496	602	317
55	164	168	239	316	411	228
65	106	110	127	146	194	133
75	59	61	68	61	59	66
85	21	21	27	25	25	27
90	8	9	11	12	13	
95	88	139	67	46	52	129
105	353	652	764	667	687	672
115	646	876	1193	1249	1296	1057
125	929	1095	1391	1584	1643	1194
135	1181	1297	1504	1687	1751	1151
145	1394	1471	1614	1729	1770	1002
155	1558	1602	1692	1763	1787	777
165	1670	1688	1730	1767	1780	490
175	1727	1729	1737	1744	1746	169
180	1734	1734	1734	1734	1734	



### 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 RCR	90	90	90	90	80	80	80	61	61	61	19					
1	83	79	76	73	73	70	67	53	51	50	16					
2	75	69	64	60	66	61	57	47	44	42	14					
3	69	61	55	50	61	54	49	41	38	35	12					
4	63	54	47	42	55	48	42	37	33	30	11					
5	58	48	41	36	51	43	37	33	29	26	9					
6	53	43	36	31	47	38	32	30	25	22	8					
7	49	39	32	27	43	34	29	27	23	20	7					
8	45	35	28	24	40	31	26	24	20	17	7					
9	42	32	25	21	37	28	23	22	18	15	6					
10	39	29	23	19	35	26	21	20	16	14	5					

Based on a floor reflectance of 0.2

### Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	2331	3397	5841
65	2045	2450	3742
75	1858	2142	1858
85	1964	2525	2338

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

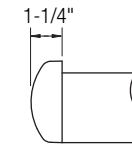
## Additional Information

### Modules

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

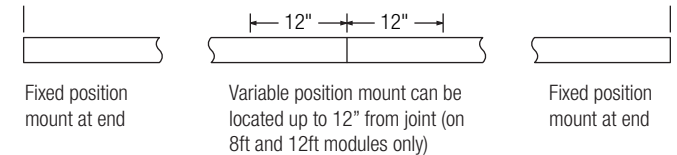
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

### Endcap



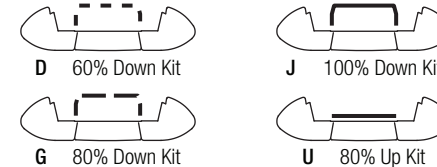
### Mounting in Runs

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.