

# Achieva®

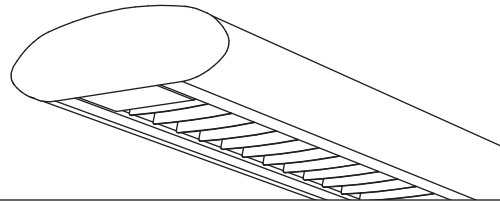


Project Name

Spec Type

Notes

Suspended  
 Direct/Indirect  
 3 T5HO




## Order Guide

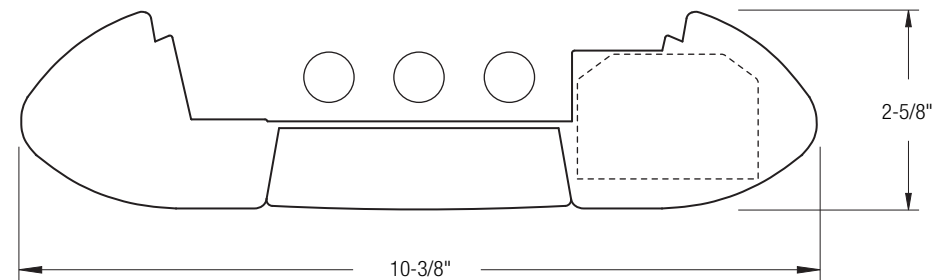
Some combinations of product options may not be available. Consult factory for assistance with your specification.

<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			
		* 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	<h3>Mounting Hardware</h3> <div style="display: flex; justify-content: space-around;"> <input type="text"/> <input type="text"/> </div> <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>
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## 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>	



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Direct/Indirect  
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## Photometry Optics WD White Louver w/ 60% Down Kit

### Report Summary

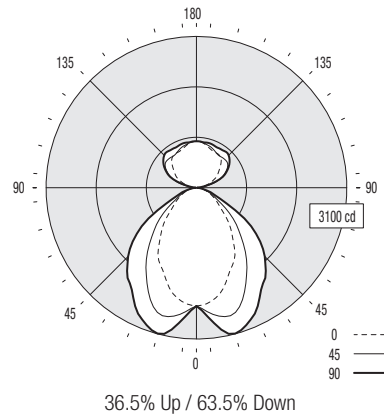
**Report #** 2101349  
**Filename** 8816H03WD.ies  
**Efficiency** 65.5%

**Peak Candela Value\*** 955 @ 140°  
**Peak to Zenith Ratio\*** 1 : 1

\* Between 90-180° vertical angle

### Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	2425	2425	2425	2425	2425	
5	2388	2445	2550	2649	2652	251
15	2138	2339	2716	2969	3095	743
25	1755	2036	2348	2595	2849	1064
35	1318	1602	1801	2033	2393	1141
45	875	985	1232	1601	1992	1010
55	529	531	732	1015	1378	720
65	329	319	375	426	548	397
75	169	156	186	180	225	194
85	44	35	49	41	48	52
90	8	8	10	10	10	
95	68	78	83	74	44	93
105	226	322	382	361	314	351
115	403	502	624	635	650	563
125	555	616	788	791	827	644
135	717	747	823	907	939	636
145	818	813	804	888	938	532
155	823	816	853	903	931	400
165	879	883	903	939	951	258
175	942	941	946	950	951	91
180	952	952	952	952	952	



### Coefficients of Utilization (%)

Ceiling: Walk:	80				70				50				0
	70	50	30	10	70	50	30	10	50	30	10	0	
0 RCR	71	71	71	71	67	67	67	67	58	58	58	40	
1	66	63	61	59	62	59	57	52	50	49	34		
2	60	56	52	49	56	53	49	46	44	42	30		
3	55	50	45	41	52	47	43	41	38	36	26		
4	51	44	39	36	48	42	37	37	34	31	23		
5	47	40	35	31	44	38	33	33	30	27	20		
6	44	36	31	27	41	34	29	30	26	24	18		
7	40	33	27	24	38	31	26	28	24	21	16		
8	38	30	25	21	35	28	24	25	22	19	14		
9	35	27	22	19	33	26	21	23	20	17	13		
10	33	25	20	17	31	24	20	21	18	15	12		

Based on a floor reflectance of 0.2

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

Vertical Angle	Horizontal Angle		
	0	45	90
55	7518	10403	19584
65	6346	7233	10570
75	5323	5858	7086
85	4115	4583	4489

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

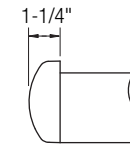
## Additional Information

### Modules

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

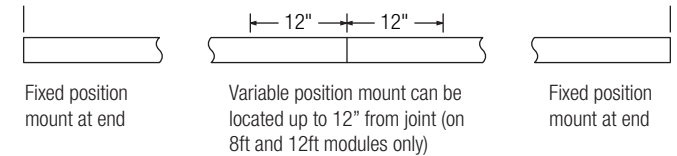
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

### Endcap



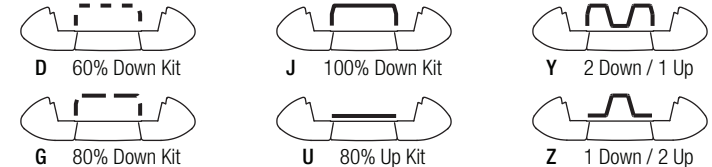
### Mounting in Runs

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.