

# 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> <p>Mount Type <input type="text"/> Suspension Length <input type="text"/></p> <p>Consult separate mounting spec sheet for mount type options <i>Enter distance from ceiling to top of fixture in inches</i></p>									
		* 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

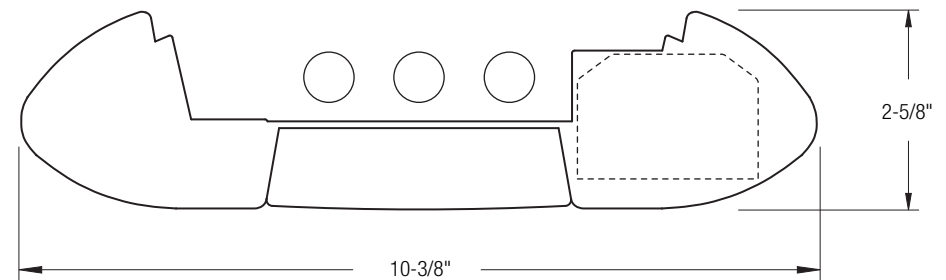
Please indicate with check mark.

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 MJ Semi-Specular VDT Louver w/ 100% Down Kit

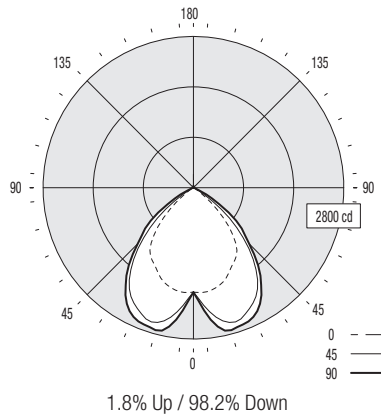
### Report Summary

**Report #** 9900414 **Peak Candela Value\*** N/A  
**Filename** 8816H03MJ.ies **Peak to Zenith Ratio\*** N/A : 1  
**Efficiency** 34% \* 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	1935	1935	1935	1935	1935	216
5	1946	2043	2185	2257	2281	693
15	1869	2261	2582	2723	2730	1089
25	1645	2257	2469	2613	2639	1239
35	1413	1950	2084	2175	2198	963
45	788	1145	1310	1450	1467	421
55	138	220	423	701	802	76
65	26	28	35	118	110	6
75	6	6	6	6	6	1
85	1	1	1	1	1	0
90	0	0	0	0	0	3
95	2	2	2	2	3	4
105	3	2	2	3	3	4
115	3	4	4	4	4	5
125	4	7	6	6	6	8
135	5	12	9	10	10	8
145	6	13	15	14	15	8
155	7	10	21	24	24	8
165	7	9	9	20	24	4
175	7	8	8	8	8	0
180	7	7	7	7	7	7



### 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	40	40	40	40	39	39	39	37	37	37	33	33	38	36	35	35
1	38	36	35	35	37	36	35	34	34	34	30	30	35	33	32	31
2	35	33	31	30	34	32	31	31	30	29	27	27	33	30	28	26
3	33	30	28	26	32	29	28	28	27	25	24	24	30	27	25	23
4	30	27	25	23	30	27	25	26	24	23	21	21	28	24	22	20
5	28	25	22	20	28	24	22	24	22	20	19	19	26	22	20	18
6	26	23	20	18	26	22	20	22	20	18	17	17	24	20	18	16
7	25	21	18	16	24	20	18	20	18	16	15	15	22	18	16	14
8	23	19	16	15	22	19	16	18	16	15	14	14	20	16	14	12
9	22	17	15	13	21	17	15	17	15	13	13	13	19	14	12	11
10	20	16	14	12	20	16	14	16	14	12	11	11	17	12	10	9

Based on a floor reflectance of 0.2

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

Vertical Angle	Horizontal Angle		
	0	45	90
55	1961	6012	11398
65	501	675	2122
75	189	189	189
85	94	94	94

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

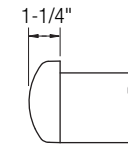
## Additional Information

### Modules

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

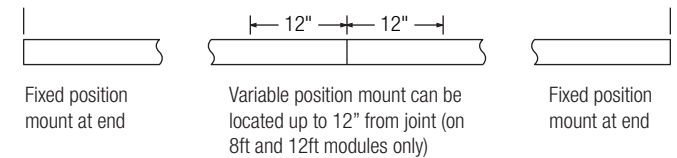
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

### Endcap



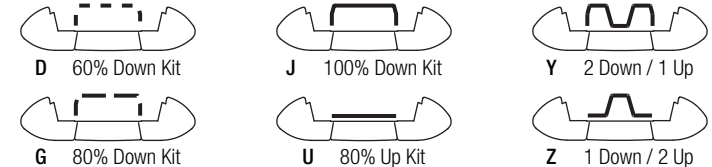
### Mounting in Runs

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.