

# Achieva®

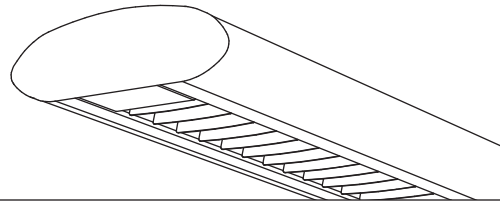


Project Name

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

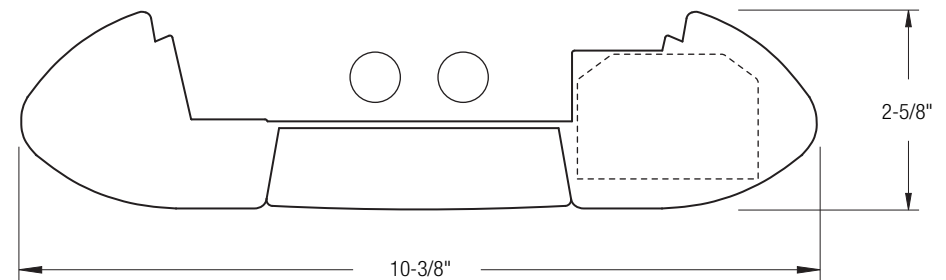
Please indicate with check mark.

Lamps Included  Lamps Included and Installed

Lamp Guard  
Not available with upper optics option U

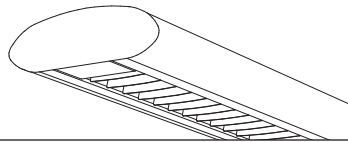


Response Daylight (Integrated Controls)  
For details visit [www.ledalite.com/response](http://www.ledalite.com/response)



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2 T5HO



## Photometry Optics MD Semi-Specular VDT Louver w/ 60% Down Kit

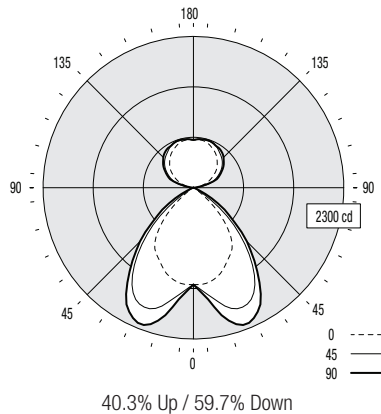
### Report Summary

**Report #** 9900258 **Peak Candela Value\*** 757 @ 163°  
**Filename** 8816H02MD.ies **Peak to Zenith Ratio\*** 1 : 1  
**Efficiency** 67% \* 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	1473	1473	1473	1473	1473	
5	1476	1514	1573	1606	1619	155
15	1402	1588	1863	2049	2093	514
25	1225	1552	1952	2133	2187	843
35	1033	1466	1627	1692	1762	954
45	569	893	998	1085	1157	733
55	101	197	337	484	581	315
65	20	25	32	98	106	65
75	6	6	6	6	7	9
85	1	1	0	1	1	1
90	0	0	0	0	0	0
95	32	54	41	37	24	54
105	143	206	271	268	236	243
115	280	342	409	444	441	386
125	410	464	529	563	559	455
135	515	563	617	660	651	467
145	606	639	680	719	712	422
155	670	693	742	757	737	334
165	723	739	744	758	755	210
175	732	735	739	741	740	73
180	726	726	726	726	726	



### Coefficients of Utilization (%)

Ceiling:	80				70				50				0			
	70	50	30	10	70	50	30	10	50	30	10	0	70	50	30	10
0 RCR	73	73	73	73	68	68	68	58	58	58	38					
1	67	65	63	61	63	61	59	53	51	50	35					
2	62	58	55	52	58	54	51	48	45	43	31					
3	58	52	48	44	54	49	45	43	40	38	27					
4	53	47	42	38	50	44	40	39	36	33	24					
5	49	42	37	34	46	40	35	35	32	29	22					
6	46	38	33	30	43	36	32	32	29	26	19					
7	42	35	30	26	40	33	28	29	26	23	18					
8	39	32	27	23	37	30	26	27	23	21	16					
9	37	29	24	21	34	27	23	25	21	19	14					
10	34	27	22	19	32	25	21	23	19	17	13					

Based on a floor reflectance of 0.2

### Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	1435	4789	8257
65	386	617	2045
75	189	189	220
85	94	0	94

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

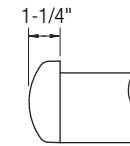
## Additional Information

### Modules

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

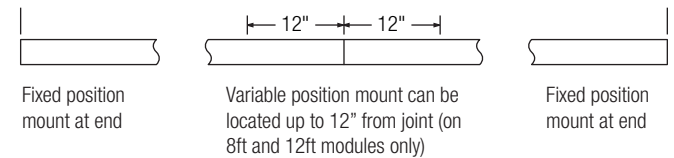
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

### Endcap



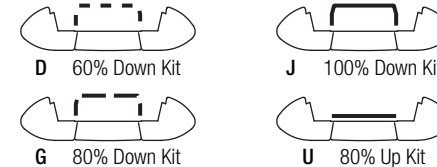
### Mounting in Runs

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.