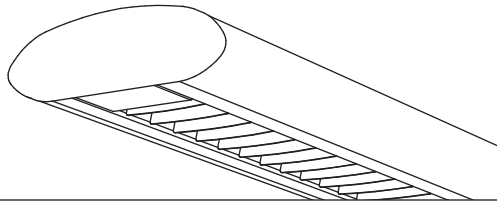


# Achieva®



Suspended  
Direct/Indirect  
3 T5HO



Project Name

Spec Type

Notes

## Order Guide

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


<b>8816</b>	<b>H03</b>	<input type="text"/>	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>
<b>Product Series &amp; Type</b> Achieva Direct/Indirect	<b>Lamping</b> 3 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>Y</b> 2 Down / 1 Up <b>Z</b> 1 Down / 2 Up	<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			
<b>Mounting Hardware</b>											
<input type="text"/>											
<b>Mount Type</b> Consult separate mounting spec sheet for mount type options						<b>Suspension Length</b> <i>Enter distance from ceiling to top of fixture in inches</i>					

## Upgrades & Accessories

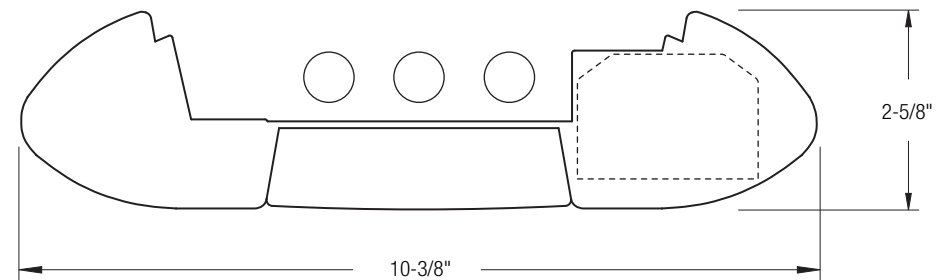
Please indicate with check mark.

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)



# Achieva®

Suspended  
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3 T5HO



## Photometry Optics SG Specular Louver w/ 80% Down Kit

### Report Summary

**Report #** 9900068  
**Filename** 8816H03SG.ies  
**Efficiency** 60.4%

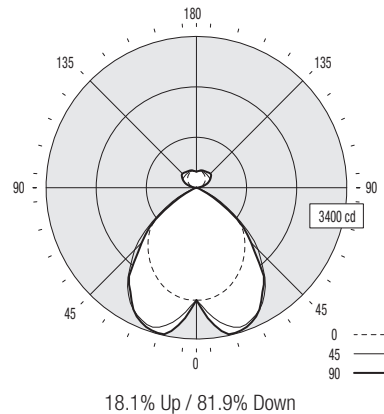
**Peak Candela Value\*** 445 @ 133°  
**Peak to Zenith Ratio\*** 1.2 : 1

\* 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	2529	2529	2529	2529	2529	
5	2523	2635	2805	2909	2942	276
15	2411	2883	3246	3396	3380	872
25	2180	2921	3164	3221	3195	1373
35	1875	2655	2716	2656	2658	1602
45	1528	2100	1977	1841	1750	1452
55	966	1261	1017	992	882	925
65	223	289	295	200	136	261
75	9	9	7	1	1	15
85	1	0	0	0	0	0
90	0	0	0	0	0	0
95	33	51	55	55	38	57
105	100	168	199	183	166	179
115	175	240	298	310	304	269
125	233	279	368	394	395	302
135	284	310	372	429	445	285
145	328	340	380	417	426	238
155	362	366	386	408	415	180
165	377	385	386	400	405	111
175	368	370	373	374	374	37
180	359	359	359	359	359	



### 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
0 RCR	69	69	69	69	66	66	66	60	60	60	48						
1	64	62	60	58	61	59	58	55	53	52	43						
2	59	55	52	49	57	53	50	49	47	45	38						
3	55	50	46	42	52	48	44	44	42	39	33						
4	51	45	40	37	48	43	39	40	37	34	29						
5	47	40	35	32	45	39	35	36	33	30	26						
6	43	36	32	28	41	35	31	33	29	26	23						
7	40	33	28	25	39	32	28	30	26	24	20						
8	37	30	25	22	36	29	25	27	24	21	18						
9	35	28	23	20	34	27	23	25	22	19	17						
10	33	25	21	18	31	25	21	23	20	17	15						

Based on a floor reflectance of 0.2

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

Vertical Angle	Horizontal Angle		
	0	45	90
55	8090	8517	7387
65	2535	3353	1546
75	167	130	19
85	55	0	0

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

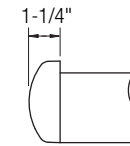
## Additional Information

### Modules

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

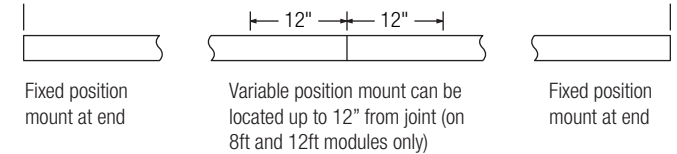
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

### Endcap



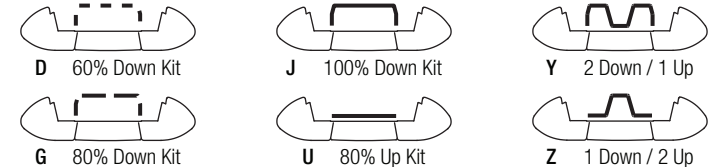
### Mounting in Runs

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.