

# Achieva®

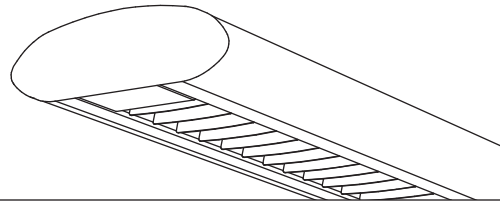


Project Name

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>			-		-		-	
<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	
<p><b>Mounting Hardware</b></p> <p><input type="text"/> <input type="text"/></p> <p><b>Mount Type</b> <input type="text"/> <b>Suspension Length</b> <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

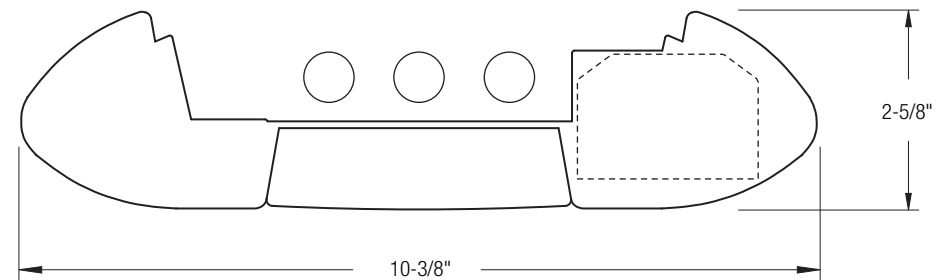
Please indicate with check mark.

Lamps Included  Lamps Included and Installed

Lamp Guard  
Not available with upper optics option U

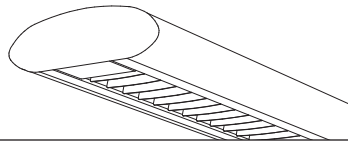


Response Daylight (Integrated Controls)  
For details visit [www.ledalite.com/response](http://www.ledalite.com/response)



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Suspended  
Direct/Indirect  
3 T5HO



## Photometry Optics SY Specular Louver w/ 2 Down / 1 Up Kit

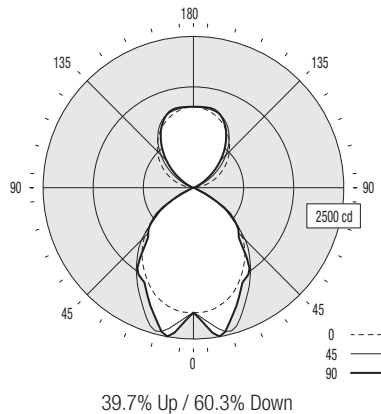
### Report Summary

**Report #** 9900064 **Peak Candela Value\*** 1346 @ 168°  
**Filename** 8816H03SY.ies **Peak to Zenith Ratio\*** 1 : 1  
**Efficiency** 54.3% \* 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	2066	2066	2066	2066	2066	216
5	2062	2113	2195	2245	2278	642
15	1962	2202	2451	2396	2310	920
25	1754	2188	2058	1952	1862	1028
35	1479	1788	1660	1648	1625	916
45	1154	1327	1221	1083	1062	635
55	692	770	674	748	743	184
65	148	180	230	140	55	10
75	7	8	4	3	2	1
85	2	1	1	1	1	21
90	0	0	0	0	0	81
95	41	13	15	16	17	227
105	236	107	30	25	26	431
115	449	355	188	93	72	587
125	653	626	470	350	318	631
135	846	872	767	675	631	554
145	1017	1064	1033	975	942	369
155	1161	1198	1231	1217	1200	130
165	1267	1286	1314	1337	1338	
175	1328	1331	1336	1340	1341	
180	1338	1338	1338	1338	1338	



### Coefficients of Utilization (%)

Ceiling: Wall:	80				70				50				0
	70	50	30	10	70	50	30	10	50	30	10	0	
0 RCR	59	59	59	59	55	55	55	48	48	48	48	32	
1	55	53	51	49	51	50	48	43	42	41	29	29	
2	51	47	44	42	47	44	42	39	37	35	25	25	
3	47	42	38	36	44	40	36	35	33	31	22	22	
4	43	38	34	31	40	35	32	31	29	27	20	20	
5	40	34	30	27	37	32	28	28	25	23	17	17	
6	37	30	26	23	34	29	25	26	23	21	15	15	
7	34	28	24	21	32	26	22	23	20	18	14	14	
8	32	25	21	18	30	24	20	21	18	16	12	12	
9	29	23	19	16	28	22	18	20	17	15	11	11	
10	28	21	17	15	26	20	17	18	15	13	10	10	

Based on a floor reflectance of 0.2

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

Vertical Angle	Horizontal Angle		
	0	45	90
55	5795	5645	6222
65	1682	2614	625
75	130	74	37
85	110	55	55

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

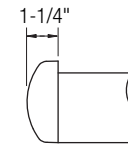
## Additional Information

### Modules

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

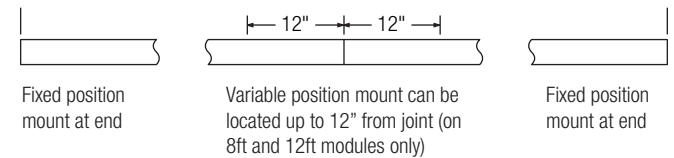
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

### Endcap



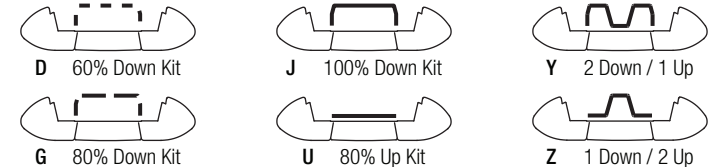
### Mounting in Runs

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.