

# Achieva®



Project Name

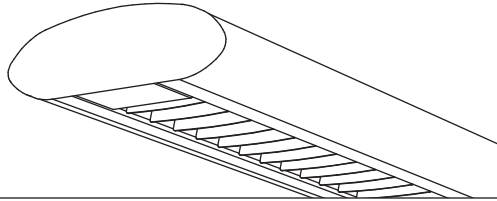
Spec Type

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	
		* 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

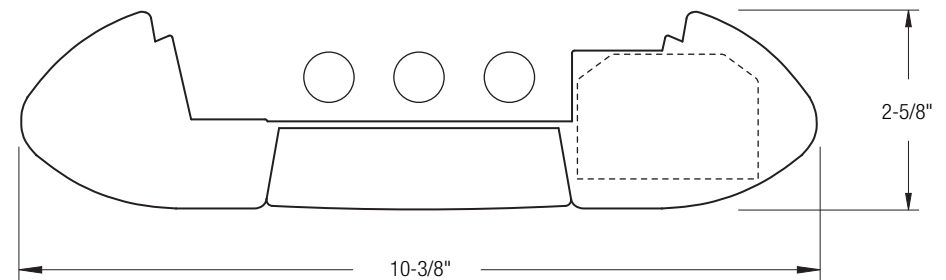
Please indicate with check mark.

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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Suspended  
Direct/Indirect  
3 T5HO



## Photometry Optics PZ Semi-Specular Louver w/ 1 Down / 2 Up Kit

### Report Summary

**Report #** 9900248  
**Filename** 8816H03PZ.ies  
**Efficiency** 64.7%

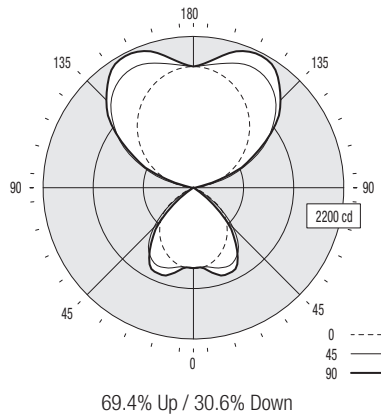
**Peak Candela Value\*** 2159 @ 153°  
**Peak to Zenith Ratio\*** 1.2 : 1

\* 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	1171	1171	1171	1171	1171	
5	1169	1165	1162	1164	1163	114
15	1113	1121	1207	1275	1302	341
25	1002	1076	1250	1324	1347	555
35	855	1007	1139	1144	1114	663
45	675	832	821	741	686	583
55	429	523	377	207	116	308
65	122	155	33	12	8	74
75	14	10	4	3	3	9
85	2	1	0	0	1	1
90	0	0	0	0	0	
95	68	41	33	32	34	59
105	341	474	433	283	282	398
115	630	871	933	860	869	844
125	902	1202	1370	1384	1386	1136
135	1160	1443	1709	1764	1802	1232
145	1379	1606	1901	2040	2091	1136
155	1552	1698	1954	2101	2156	878
165	1682	1746	1874	1989	2028	529
175	1752	1763	1786	1808	1813	175
180	1763	1763	1763	1763	1763	



### 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 RCR	66	66	66	66	59	59	59	46	46	46	19					
1	60	58	56	54	54	52	50	41	40	39	17					
2	55	51	48	45	50	46	43	37	35	33	15					
3	51	45	41	38	45	41	37	33	30	28	13					
4	47	40	36	32	42	36	32	29	26	24	11					
5	43	36	31	27	38	32	28	26	23	21	10					
6	39	32	27	24	35	29	25	23	20	18	9					
7	36	29	24	21	33	26	22	21	18	16	8					
8	34	26	21	18	30	24	20	19	16	14	7					
9	31	24	19	16	28	22	18	18	15	13	6					
10	29	22	17	14	26	20	16	16	13	11	6					

Based on a floor reflectance of 0.2

### Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	6097	5358	1649
65	2353	637	154
75	441	126	94
85	187	0	94

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

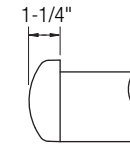
## Additional Information

### Modules

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

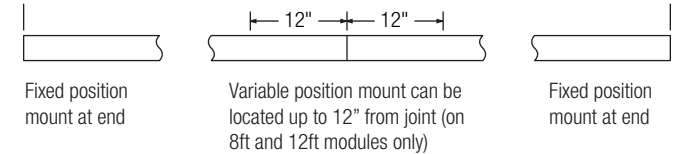
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

### Endcap



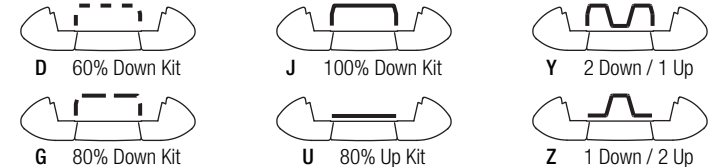
### Mounting in Runs

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.