

# Achieva®



Project Name

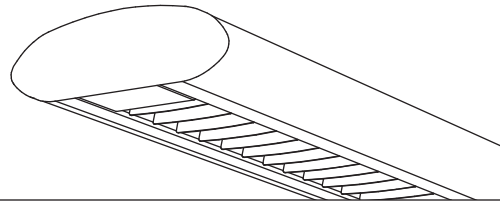
Spec Type

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>	<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"/>		<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>		
		* 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		Consult separate mounting spec sheet for mount type options	

## Upgrades & Accessories

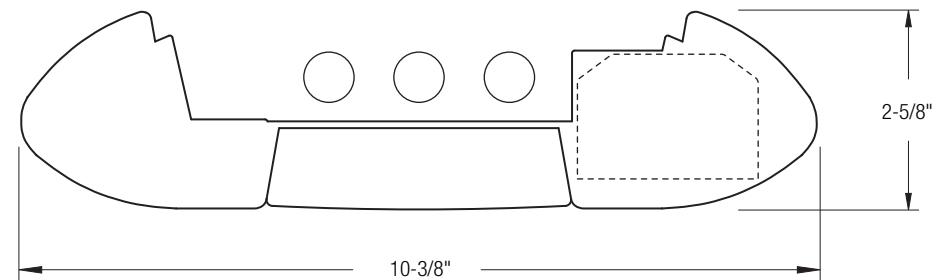
Please indicate with check mark.

Lamps Included  Lamps Included and Installed

Lamp Guard  
Not available with upper optics option U

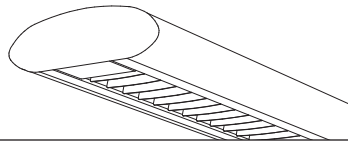


Response Daylight (Integrated Controls)  
For details visit [www.ledalite.com/response](http://www.ledalite.com/response)



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Suspended  
Direct/Indirect  
3 T5HO



## Photometry Optics PG Semi-Specular Louver w/ 80% Down Kit

### Report Summary

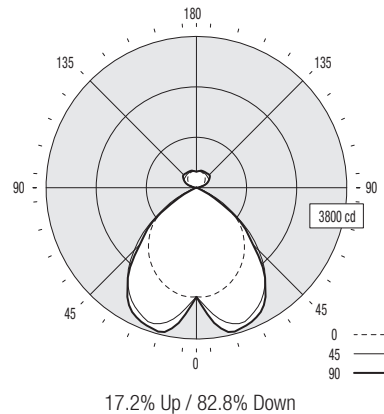
Report # 9900230  
Filename 8816H03PG.ies  
Efficiency 67.2%

Peak Candela Value\* 457 @ 135°  
Peak to Zenith Ratio\* 1.1 : 1

\* Between 90-180° vertical angle

### Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	2743	2743	2743	2743	2743	301
5	2748	2863	3037	3143	3192	955
15	2631	3114	3536	3726	3742	1514
25	2403	3169	3445	3556	3589	1795
35	2089	2925	3015	3048	3034	1637
45	1672	2318	2226	2104	2021	1077
55	1096	1435	1201	1160	1094	333
65	312	420	355	227	147	31
75	32	32	18	11	8	3
85	3	3	2	1	1	47
90	0	0	0	0	0	178
95	27	43	44	39	20	276
105	105	169	200	175	157	314
115	189	247	307	314	311	402
125	254	295	380	401	401	301
135	313	338	391	443	457	256
145	360	372	409	439	447	196
155	399	402	421	441	447	121
165	417	425	424	440	445	41
175	408	411	415	416	416	
180	401	401	401	401	401	



### Coefficients of Utilization (%)

Ceiling:	80					70					50					0				
	70	50	30	10		70	50	30	10		50	30	10		0	0	0	0	0	
0 RCR	77	77	77	77		73	73	73	67	67	67	67	67	67	67	67	67	67	67	
1	71	69	67	65		68	66	64	61	60	60	58	58	58	58	58	58	58	58	
2	66	62	58	55		63	59	56	55	52	50	49	49	49	49	49	49	49	49	
3	61	55	51	47		58	53	49	49	46	43	43	43	43	43	43	43	43	43	
4	56	49	44	41		54	48	43	45	41	38	33	33	33	33	33	33	33	33	
5	52	44	39	35		50	43	38	40	36	33	29	29	29	29	29	29	29	29	
6	48	40	35	31		46	39	34	37	32	29	25	25	25	25	25	25	25	25	
7	45	36	31	28		43	35	31	33	29	26	23	23	23	23	23	23	23	23	
8	41	33	28	25		40	32	28	30	26	23	20	20	20	20	20	20	20	20	
9	39	31	25	22		37	30	25	28	24	21	18	18	18	18	18	18	18	18	
10	36	28	23	20		35	27	23	26	22	19	17	17	17	17	17	17	17	17	

Based on a floor reflectance of 0.2

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

Vertical Angle	Horizontal Angle		
	0	45	90
55	15576	17068	15548
65	6018	6847	2835
75	1008	567	252
85	281	187	94

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

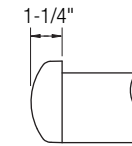
## Additional Information

### Modules

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

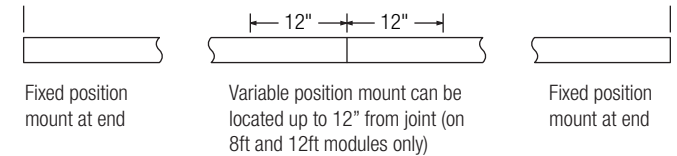
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

### Endcap



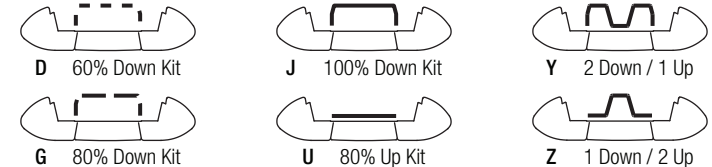
### Mounting in Runs

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.