

# Achieva®

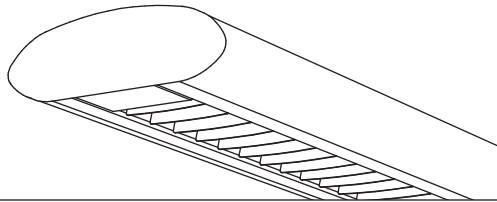


Project Name

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

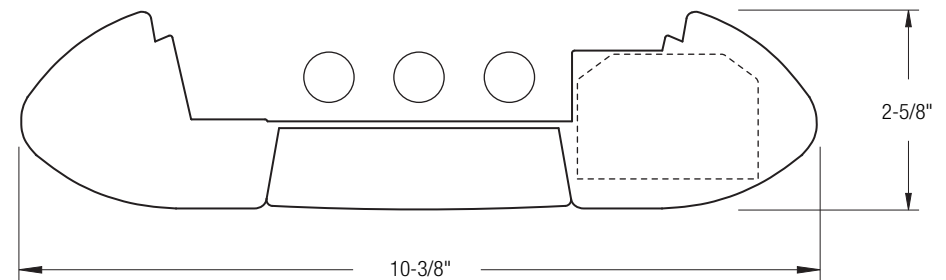
Please indicate with check mark.

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)



Suspended  
Direct/Indirect  
3 T5HO



**Photometry** Optics WU White Louver w/ 80% Up Kit

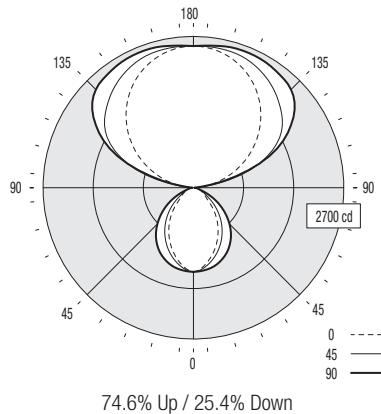
**Report Summary**

**Report #** 2101352  
**Filename** 8816H03WU.ies  
**Efficiency** 86%

**Peak Candela Value\*** 2603 @ 158°  
**Peak to Zenith Ratio\*** 1 : 1  
\* Between 90-180° vertical angle

**Candela Distribution**

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	1501	1501	1501	1501	1501	
5	1455	1450	1472	1484	1495	141
15	1261	1263	1329	1397	1449	376
25	1018	1033	1132	1237	1338	527
35	749	769	898	1025	1161	568
45	462	488	635	766	915	496
55	261	268	368	492	624	353
65	166	171	196	241	318	213
75	90	93	106	102	103	107
85	30	31	43	37	42	42
90	9	14	17	17	18	
95	121	130	93	50	64	147
105	513	809	886	724	789	802
115	937	1229	1555	1581	1660	1391
125	1341	1566	1950	2128	2192	1652
135	1707	1871	2166	2395	2477	1645
145	2018	2133	2341	2499	2560	1451
155	2262	2327	2464	2561	2601	1128
165	2428	2456	2522	2577	2596	712
175	2516	2520	2533	2543	2546	245
180	2528	2528	2528	2528	2528	



**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	86	86	86	86	77	77	77	59	59	59	20						
1	79	75	72	69	70	67	64	52	50	48	17						
2	72	66	61	57	64	59	55	45	43	40	15						
3	66	58	52	48	58	52	47	40	37	34	13						
4	60	51	45	40	53	46	41	36	32	29	11						
5	55	46	39	35	49	41	35	32	28	25	10						
6	51	41	35	30	45	37	31	29	25	22	9						
7	47	37	31	26	42	33	28	26	22	19	8						
8	43	33	27	23	38	30	25	24	20	17	7						
9	40	30	24	20	36	27	22	22	18	15	6						
10	37	28	22	18	33	25	20	20	16	13	6						

Based on a floor reflectance of 0.2

**Avg. Luminance (cd/m²)**

Vertical Angle	Horizontal Angle		
	0	45	90
55	3709	5230	8868
65	3202	3780	6134
75	2835	3338	3244
85	2806	4022	3928

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

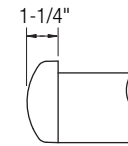
**Additional Information**

**Modules**

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

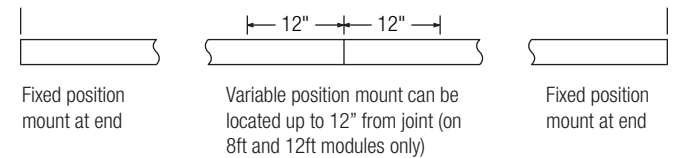
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

**Endcap**



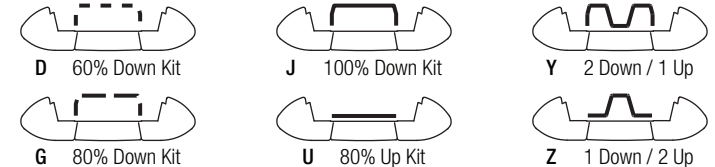
**Mounting in Runs**

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.