

Achieva®

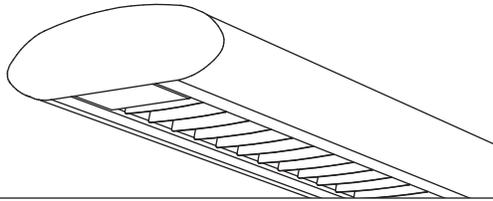


Project Name

Spec Type

Notes

Suspended
 Direct/Indirect
 1 T5HO



Order Guide

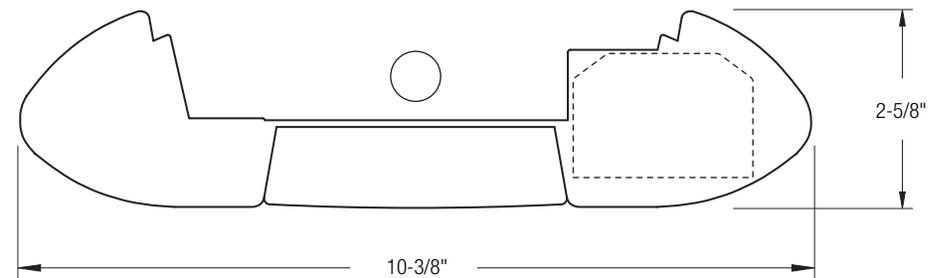
Some combinations of product options may not be available. Consult factory for assistance with your specification.

8816	H01			-		-		-	
Product Series & Type Achieva Direct/Indirect	Lamping 1 T5HO	Lower Optics W White Louver (34*) P Semi-Specular Louver (15*) S Specular Louver (15*) M Semi-Specular VDT Louver (30*) R Specular VDT Louver (30*)	Upper Optics N None D 60% Down Kit G 80% Down Kit J 100% Down Kit U 80% Up Kit	Run Length <i>Enter the total run length in feet (4ft increments)</i>	Wiring 1 1 cct 3 1 cct w/ Emergency cct 5 1 cct w/ Battery Pack 7 1 cct Dimming	Voltage 1 120V 2 277V 3 347V	Ballast E Standard Ballast Consult website for ballast manufacturer information	Color & Finish W Standard White C Factory Color X Custom Color Consult website for color and finish options	
<h3>Mounting Hardware</h3>									
				<input type="text"/>					
				Mount Type Consult separate mounting spec sheet for mount type options		Suspension Length <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	

Upgrades & Accessories

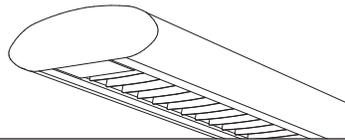
Please indicate with check mark.

<input type="checkbox"/> Lamps Included	<input checked="" type="checkbox"/> Lamps Included and Installed
<input type="checkbox"/> Lamp Guard Not available with upper optics option U	
<input type="checkbox"/> Response Daylight (Integrated Controls) For details visit www.ledalite.com/response	



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Photometry Optics WU White Louver w/ 80% Up Kit

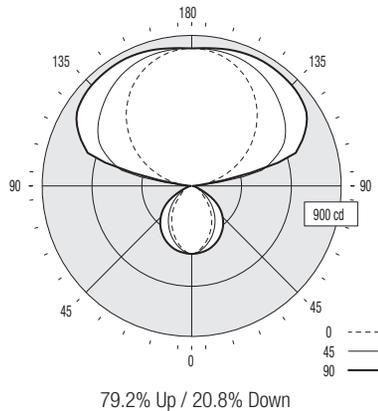
Report Summary

Report # 2101345 **Peak Candela Value*** 859 @ 148°
Filename 8816H01WU.ies **Peak to Zenith Ratio*** 1 : 1
Efficiency 89.1% * Between 90-180° vertical angle

Meets RP-1-04 recommendations for VDT-Intensive spaces

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	407	407	407	407	407	
5	395	394	399	402	405	39
15	342	343	360	378	392	102
25	277	280	307	336	364	144
35	204	208	245	281	322	156
45	126	134	175	217	263	139
55	73	75	104	140	185	100
65	45	47	57	62	79	58
75	26	27	30	27	24	29
85	9	8	11	9	9	12
90	3	5	6	6	6	
95	43	79	52	32	37	81
105	163	322	477	493	540	414
115	303	431	614	704	751	562
125	438	528	683	790	830	589
135	556	619	734	823	852	557
145	658	698	778	839	858	482
155	737	758	807	845	857	371
165	791	800	821	839	844	232
175	819	820	824	827	827	80
180	822	822	822	822	822	



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	88	88	88	88	78	78	78	58	58	58	16						
1	81	77	74	71	71	68	65	51	49	48	14						
2	74	67	62	58	65	60	55	45	42	40	12						
3	67	59	53	49	59	53	48	40	36	34	10						
4	61	52	46	41	54	47	41	35	32	29	9						
5	56	47	40	35	49	41	36	32	28	25	8						
6	52	42	35	30	45	37	31	28	24	21	7						
7	48	37	31	26	42	33	28	26	22	19	6						
8	44	34	27	23	39	30	25	23	19	16	6						
9	41	31	24	20	36	27	22	21	17	15	5						
10	38	28	22	18	34	25	20	19	16	13	5						

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	1037	1478	2629
65	868	1099	1524
75	819	945	756
85	842	1029	842

IES files for this and other photometric options can be downloaded online at www.ledalite.com

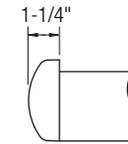
Additional Information

Modules

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

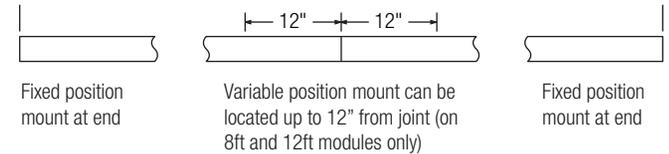
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



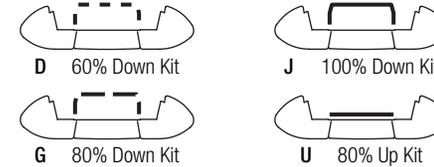
Mounting in Runs

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.