

Achieva®

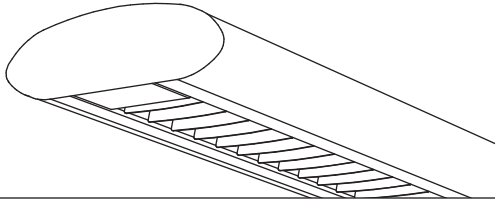


Project Name

Spec Type

Notes

Suspended
 Direct/Indirect
 1 T5HO




Order Guide

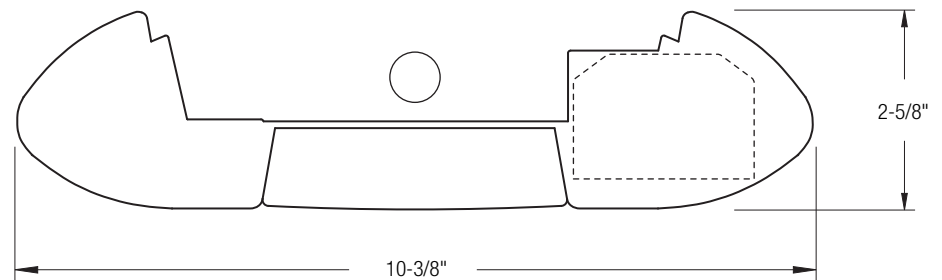
Some combinations of product options may not be available. Consult factory for assistance with your specification.

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	
									Mounting Hardware
									<input type="text"/> <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 MD Semi-Specular VDT Louver w/ 60% Down Kit

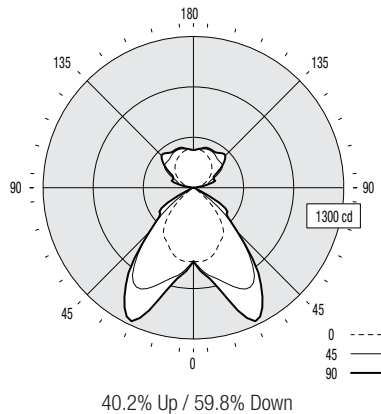
Report Summary

Report # 9900268 **Peak Candela Value*** 393 @ 138°
Filename 8816H01MD.ies **Peak to Zenith Ratio*** 1.2 : 1
Efficiency 67.5% * 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	633	633	633	633	633	
5	638	663	699	715	720	69
15	611	711	813	897	919	230
25	528	679	957	1199	1267	426
35	453	675	920	980	1018	509
45	259	442	546	554	540	375
55	49	102	176	281	360	174
65	10	13	17	64	57	41
75	3	3	3	4	4	5
85	1	0	0	0	0	0
90	0	0	0	0	0	0
95	16	37	16	12	12	29
105	65	101	132	174	171	133
115	122	185	192	185	193	181
125	178	228	305	295	284	234
135	225	266	320	389	389	245
145	267	296	335	382	366	208
155	296	315	351	372	362	158
165	323	332	345	356	355	96
175	329	328	330	332	330	32
180	325	325	325	325	325	



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	73	73	73	73	68	68	68	59	59	59	39						
1	68	66	63	61	63	61	59	53	52	51	35						
2	63	59	55	52	59	55	52	48	46	44	31						
3	58	52	48	44	54	49	45	43	40	38	28						
4	54	47	42	38	50	44	40	39	36	33	24						
5	49	42	37	33	46	40	35	35	32	29	22						
6	46	38	33	29	43	36	31	32	28	26	19						
7	42	35	30	26	40	33	28	29	26	23	17						
8	39	31	27	23	37	30	25	27	23	20	16						
9	37	29	24	21	34	27	23	24	21	18	14						
10	34	26	22	19	32	25	21	23	19	17	13						

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	696	2501	5116
65	193	328	1099
75	94	94	126
85	94	0	0

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

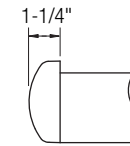
Additional Information

Modules

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

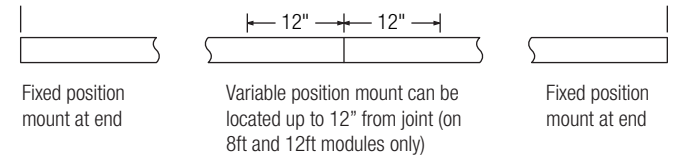
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



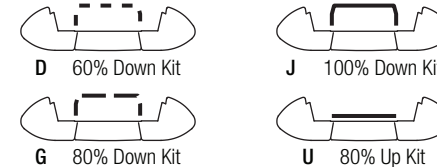
Mounting in Runs

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.