

Achieva®

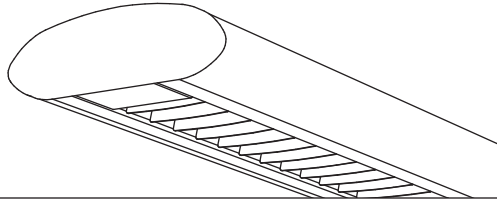


Project Name

Spec Type

Notes

Suspended
 Direct/Indirect
 1 T5HO



Order Guide

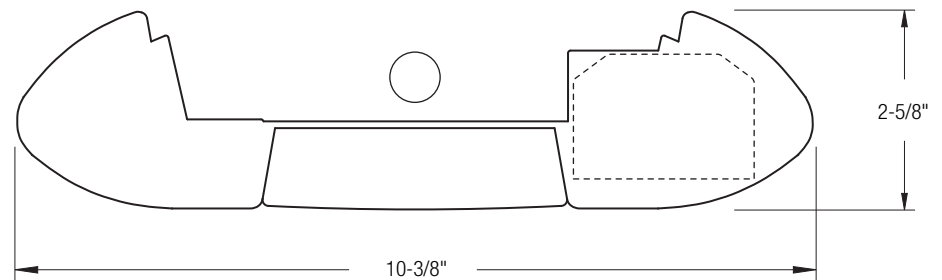
Some combinations of product options may not be available. Consult factory for assistance with your specification.

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 <small>Consult website for ballast manufacturer information</small>	Color & Finish W Standard White C Factory Color X Custom Color <small>Consult website for color and finish options</small>	
<h3>Mounting Hardware</h3>									
<input type="text"/>				<input type="text"/>					
Mount Type				Suspension Length					
<small>Consult separate mounting spec sheet for mount type options</small>				<small>Enter distance from ceiling to top of fixture in inches</small>					

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 <small>Not available with upper optics option U</small>	
<input type="checkbox"/> Response Daylight (Integrated Controls) <small>For details visit www.ledalite.com/response</small>	



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Photometry Optics PD Semi-Specular Louver w/ 60% Down Kit

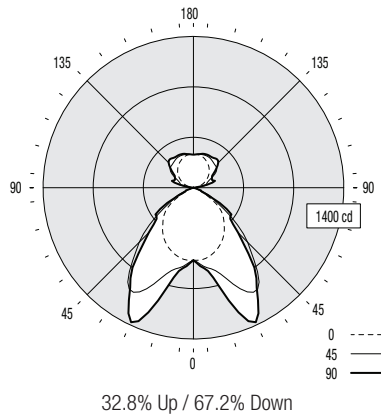
Report Summary

Report # 9900249 **Peak Candela Value*** 343 @ 140°
Filename 8816H01PD.ies **Peak to Zenith Ratio*** 1.1 : 1
Efficiency 74.6% * 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	672	672	672	672	672	
5	672	684	709	723	728	70
15	643	712	795	910	960	234
25	584	710	1033	1303	1374	457
35	500	740	1066	996	1022	553
45	395	696	713	616	588	486
55	257	464	348	369	432	336
65	80	121	153	141	84	132
75	9	10	11	5	4	16
85	1	1	1	0	0	1
90	0	0	0	0	0	
95	14	33	15	11	12	28
105	58	84	129	179	183	129
115	110	159	161	176	189	161
125	162	203	259	237	229	199
135	208	240	289	332	326	217
145	247	270	304	338	335	189
155	277	290	318	340	332	144
165	301	307	317	326	325	90
175	309	309	310	311	310	30
180	306	306	306	306	306	



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	82	82	82	82	77	77	77	68	68	68	49						
1	76	73	71	69	72	69	67	61	60	58	43						
2	70	65	61	57	66	62	58	55	52	50	38						
3	64	58	53	49	61	55	50	49	46	43	33						
4	59	52	46	42	56	49	44	44	40	37	28						
5	54	46	40	36	51	44	39	39	35	32	25						
6	50	41	36	31	47	39	34	36	31	28	22						
7	46	37	32	28	44	36	30	32	28	25	19						
8	43	34	28	24	41	32	27	29	25	22	17						
9	40	31	25	22	38	30	24	27	23	20	15						
10	37	28	23	19	35	27	22	25	20	18	14						

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	3652	4946	6139
65	1543	2951	1620
75	283	346	126
85	94	94	0

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

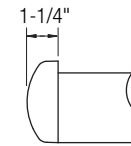
Additional Information

Modules

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

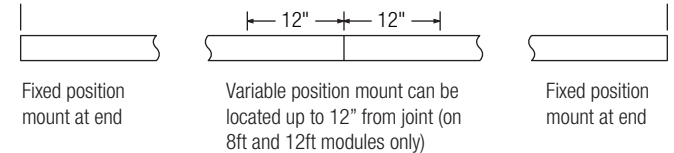
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



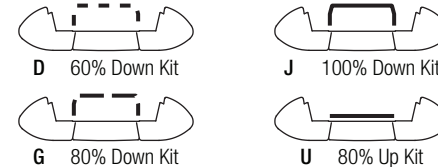
Mounting in Runs

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.