

Achieva®

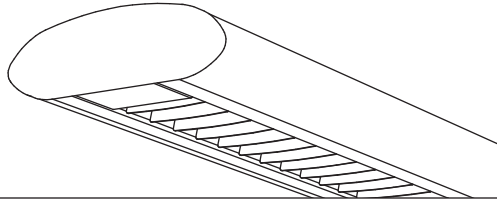


Project Name

Spec Type

Notes

Suspended
Direct/Indirect
1 T5HO




Order Guide

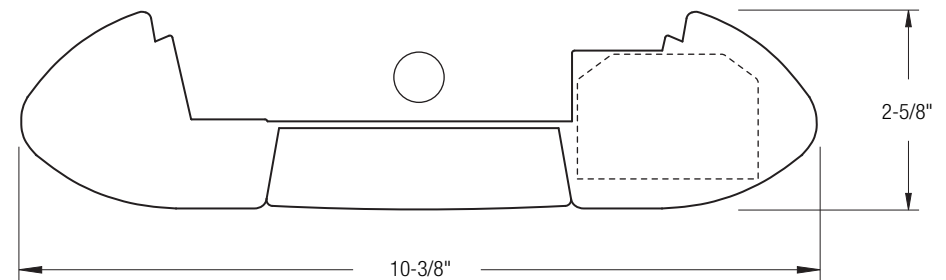
Some combinations of product options may not be available. Consult factory for assistance with your specification.

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												
<table border="1"> <tr> <td><input type="text"/></td> <td><input type="text"/></td> </tr> <tr> <td>Mount Type Consult separate mounting spec sheet for mount type options</td> <td>Suspension Length <i>Enter distance from ceiling to top of fixture in inches</i></td> </tr> </table>									<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>
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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 SD Specular Louver w/ 60% Down Kit

Report Summary

Report # 9900111
Filename 8816H01SD.ies
Efficiency 76.9%

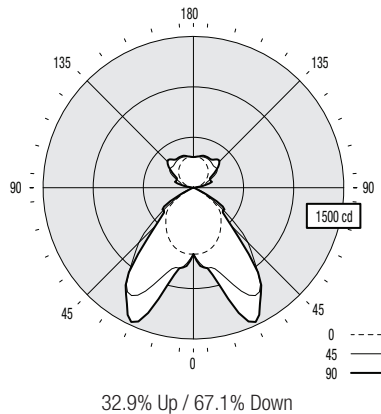
Peak Candela Value* 374 @ 138°
Peak to Zenith Ratio* 1.2 : 1

* 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	659	659	659	659	659	
5	659	697	753	775	779	73
15	632	769	833	945	999	247
25	567	756	1132	1417	1469	491
35	476	790	1167	1139	1179	605
45	388	786	771	613	536	508
55	241	523	313	345	378	326
65	53	110	123	100	57	104
75	3	3	2	1	0	5
85	1	0	0	0	0	0
90	0	0	0	0	0	0
95	13	32	13	10	11	27
105	57	90	125	163	165	123
115	111	173	175	174	186	167
125	163	207	288	271	255	216
135	208	243	295	366	366	229
145	247	272	309	347	339	192
155	277	290	321	342	334	146
165	301	307	317	328	328	90
175	307	307	308	309	308	30
180	304	304	304	304	304	



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	85	85	85	85	80	80	80	71	71	71	50						
1	79	76	73	71	74	72	70	64	62	61	45						
2	73	68	63	60	68	64	60	57	54	52	39						
3	67	60	55	51	63	57	52	51	48	45	34						
4	62	54	48	44	58	51	46	46	42	39	30						
5	57	48	42	38	53	46	40	41	37	34	26						
6	52	43	37	33	49	41	36	37	33	30	23						
7	48	39	33	29	46	37	32	34	29	26	21						
8	45	36	30	26	42	34	29	31	26	23	18						
9	42	32	27	23	39	31	26	28	24	21	16						
10	39	30	24	20	37	28	23	26	22	19	15						

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	2018	2621	3166
65	602	1398	648
75	56	37	0
85	55	0	0

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

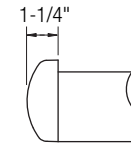
Additional Information

Modules

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

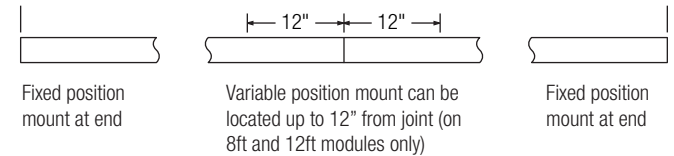
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



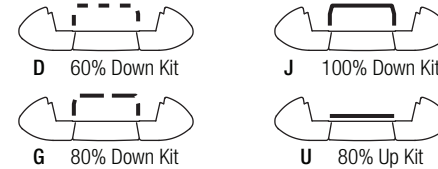
Mounting in Runs

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.