

Achieva®

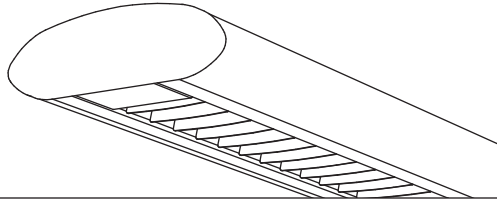


Project Name

Spec Type

Notes

Suspended
Direct/Indirect
2 T5HO




Order Guide

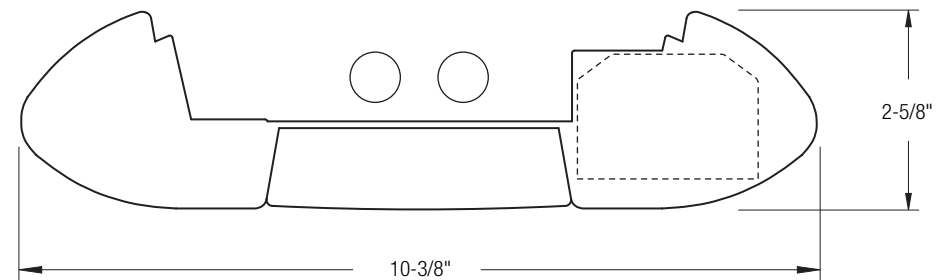
Some combinations of product options may not be available. Consult factory for assistance with your specification.

8816	H02			-		-		-				
Product Series & Type Achieva Direct/Indirect	Lamping 2 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 2 2 cct 3 1 cct w/ Emergency cct 4 2 cct w/ Emergency cct 5 1 cct w/ Battery Pack 6 2 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				
		* Number of louver cells per 4ft section See details on reverse		See details on reverse	See details on reverse	<h3>Mounting Hardware</h3> <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>
<input type="text"/>	<input type="text"/>											
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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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Suspended
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Photometry Optics SD Specular Louver w/ 60% Down Kit

Report Summary

Report # 9900107
Filename 8816H02SD.ies
Efficiency 73.2%

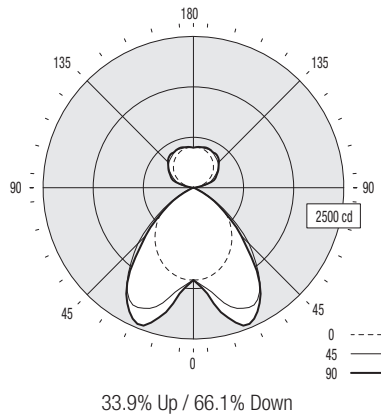
Peak Candela Value* 696 @ 163°
Peak to Zenith Ratio* 1.1 : 1

* 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	1526	1526	1526	1526	1526	
5	1522	1558	1621	1652	1664	160
15	1448	1635	1972	2181	2223	542
25	1306	1717	2185	2370	2389	930
35	1108	1720	1929	1883	1918	1090
45	869	1445	1306	1154	1125	940
55	525	859	606	538	512	560
65	114	179	154	116	81	150
75	6	5	2	1	1	8
85	1	0	0	0	0	0
90	0	0	0	0	0	0
95	27	51	35	33	23	48
105	127	188	251	247	223	223
115	256	328	369	401	412	354
125	376	436	488	505	504	417
135	470	522	580	613	599	433
145	552	588	631	675	669	392
155	610	635	679	698	685	306
165	656	675	677	692	691	192
175	666	670	674	675	675	65
180	662	662	662	662	662	



Coefficients of Utilization (%)

Ceiling: Walk:	80				70				50				0				
	70	50	30	10	70	50	30	10	50	30	10	0	70	50	30	10	0
0 RCR	81	81	81	81	76	76	76	67	67	67	67	47					
1	75	72	70	68	70	68	66	60	60	59	57	42					
2	69	64	60	57	65	61	57	54	52	49	37						
3	64	57	53	49	60	54	50	49	45	43	32						
4	59	51	46	42	55	49	44	44	40	37	28						
5	54	46	41	36	51	44	39	39	35	32	25						
6	50	42	36	32	47	40	35	36	32	29	22						
7	46	38	32	28	44	36	31	33	28	25	20						
8	43	34	29	25	41	33	28	30	26	23	18						
9	40	31	26	22	38	30	25	27	23	20	16						
10	38	29	24	20	35	28	23	25	21	18	15						

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	4397	5075	4288
65	1296	1750	921
75	111	37	19
85	55	0	0

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

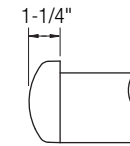
Additional Information

Modules

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

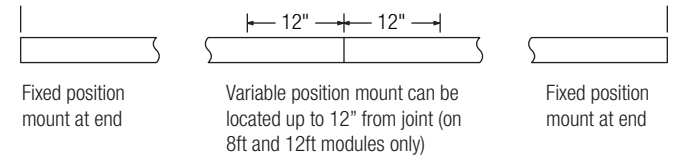
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



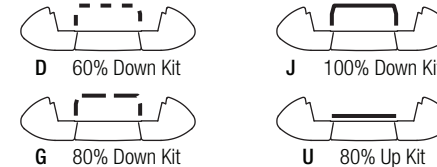
Mounting in Runs

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.