

Achieva®

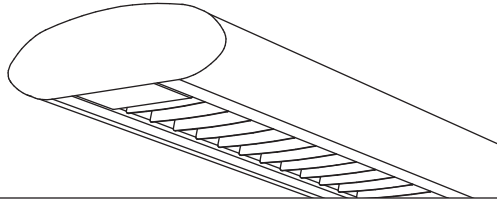


Project Name

Spec Type

Notes

Suspended
 Direct/Indirect
 1 T5HO




Order Guide

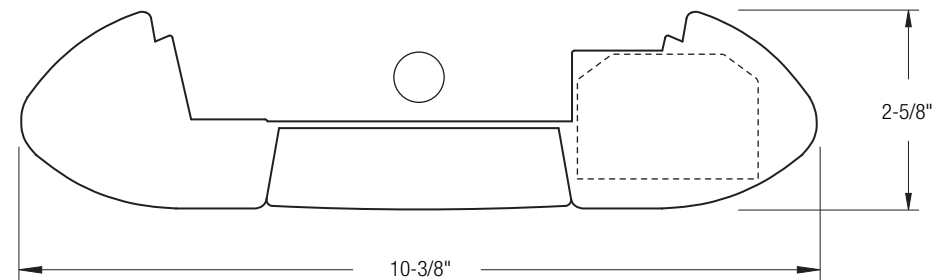
Some combinations of product options may not be available. Consult factory for assistance with your specification.

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						Suspension Length			
Consult separate mounting spec sheet for mount type options						<i>Enter distance from ceiling to top of fixture in inches</i>			

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 SG Specular Louver w/ 80% Down Kit

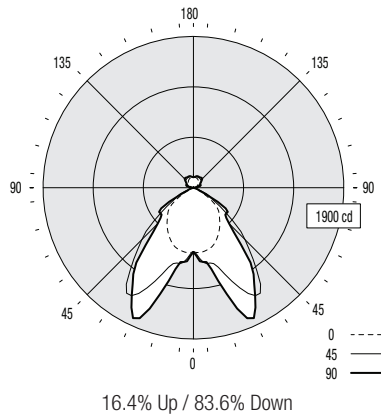
Report Summary

Report # 9900115 **Peak Candela Value*** 161 @ 138°
Filename 8816H01SG.ies **Peak to Zenith Ratio*** 1.2 : 1
Efficiency 74.3% * 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	807	807	807	807	807	
5	818	831	891	911	927	87
15	792	924	987	1126	1215	296
25	703	900	1389	1764	1807	602
35	581	965	1479	1348	1325	733
45	458	959	921	750	639	618
55	280	618	411	497	530	421
65	64	117	183	137	79	140
75	3	4	4	1	1	9
85	0	0	0	0	0	0
90	0	0	0	0	0	0
95	6	17	6	5	5	13
105	27	41	62	86	86	62
115	51	76	76	95	97	80
125	72	92	120	114	109	92
135	91	109	134	159	156	101
145	109	122	142	156	157	87
155	122	131	143	157	154	65
165	130	135	145	149	150	40
175	132	133	135	135	135	14
180	131	131	131	131	131	



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 RCR	85	85	85	85	82	82	82	76	76	76	62					
1	79	77	74	72	76	74	72	69	67	65	55					
2	73	68	64	61	71	66	62	62	59	56	48					
3	68	61	56	52	65	59	55	55	52	48	42					
4	62	55	49	45	60	53	48	50	45	42	37					
5	57	49	43	39	55	48	42	45	40	37	32					
6	53	44	38	34	51	43	37	40	36	32	28					
7	49	40	34	30	47	39	33	37	32	29	25					
8	46	36	31	27	44	35	30	34	29	25	22					
9	43	33	28	24	41	32	27	31	26	23	20					
10	40	31	25	21	38	30	25	28	24	20	18					

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	2345	3442	4439
65	727	2080	898
75	56	74	19
85	0	0	0

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

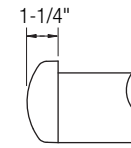
Additional Information

Modules

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

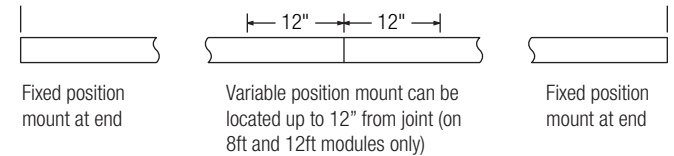
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



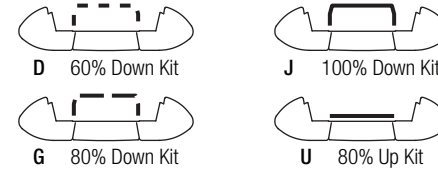
Mounting in Runs

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.