

Achieva®

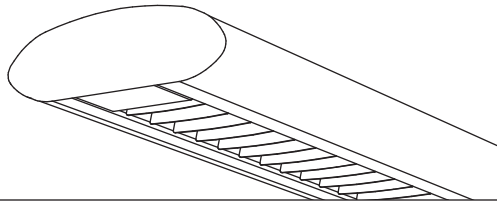


Project Name

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									
				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>			

Upgrades & Accessories

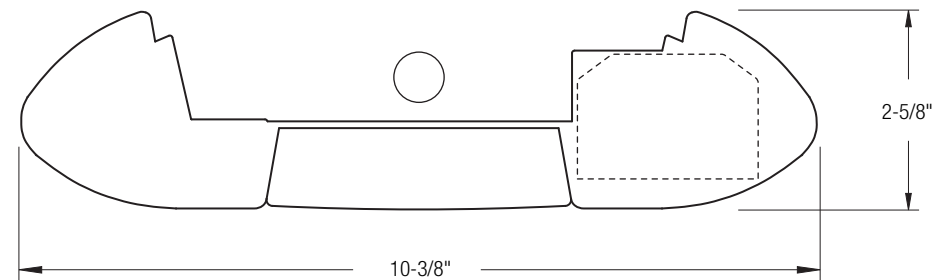
Please indicate with check mark.

Lamps Included Lamps Included and Installed

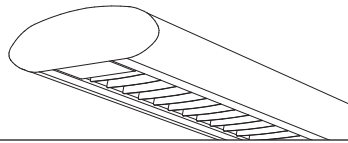
Lamp Guard
 Not available with upper optics option U



Response Daylight (Integrated Controls)
 For details visit www.ledalite.com/response



Suspended
Direct/Indirect
1 T5HO



Photometry Optics WJ White Louver w/ 100% Down Kit

Report Summary

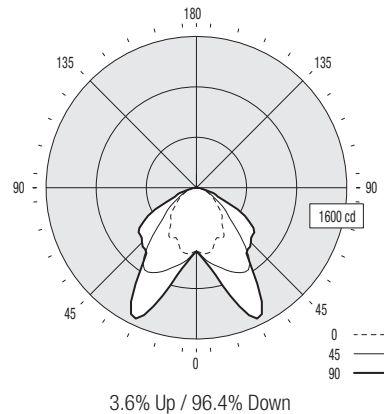
Report # 2101342
Filename 8816H01WJ.ies
Efficiency 52.6%

Peak Candela Value* N/A
Peak to Zenith Ratio* N/A : 1

* Between 90-180° vertical angle

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	673	673	673	673	673	
5	699	718	731	750	748	72
15	671	734	860	1035	1069	250
25	587	678	989	1374	1528	466
35	477	614	988	971	1013	519
45	375	453	577	682	819	444
55	242	242	335	517	741	349
65	150	143	170	241	337	204
75	77	70	83	83	112	91
85	17	13	19	17	24	21
90	1	1	2	2	2	
95	2	2	3	3	4	4
105	4	3	4	4	5	4
115	4	4	4	5	5	4
125	4	5	6	6	6	4
135	4	7	7	8	8	4
145	4	8	9	10	10	4
155	5	7	11	12	12	4
165	5	6	8	12	12	3
175	5	6	6	6	6	0
180	5	5	5	5	5	



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	62	62	62	62	61	61	61	58	58	58	52						
1	57	55	53	52	56	54	52	52	50	49	45						
2	53	49	46	43	51	48	45	46	43	41	38						
3	48	43	39	36	47	43	39	41	38	35	33						
4	45	39	34	31	43	38	34	37	33	30	28						
5	41	35	30	27	40	34	30	33	29	26	25						
6	38	31	27	24	37	31	27	30	26	23	22						
7	35	28	24	21	34	28	24	27	23	21	19						
8	33	26	22	19	32	26	21	25	21	18	17						
9	31	24	20	17	30	23	19	23	19	17	15						
10	29	22	18	15	28	22	18	21	17	15	14						

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	3439	4761	10531
65	2893	3279	6500
75	2425	2614	3527
85	1590	1777	2245

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

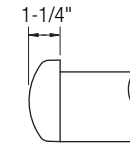
Additional Information

Modules

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

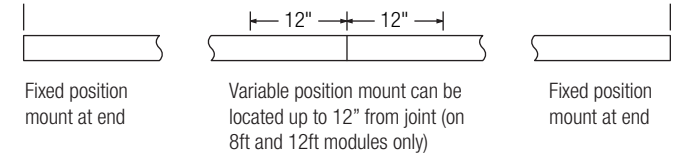
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



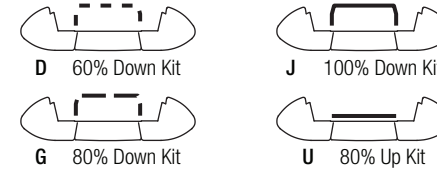
Mounting in Runs

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.