

Achieva®



Project Name

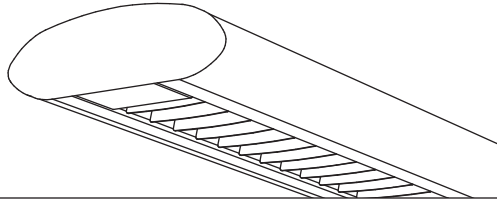
Spec Type

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	
		* Number of louver cells per 4ft section See details on reverse		See details on reverse	See details on reverse	Consult website for complete list of standard wiring options	Mounting Hardware <input type="text"/> <input type="text"/> Mount Type <input type="text"/> Suspension Length <input type="text"/> Consult separate mounting spec sheet for mount type options <i>Enter distance from ceiling to top of fixture in inches</i>		

Upgrades & Accessories

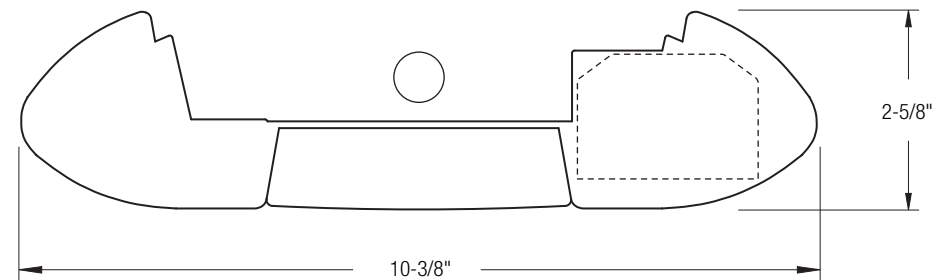
Please indicate with check mark.

Lamps Included Lamps Included and Installed

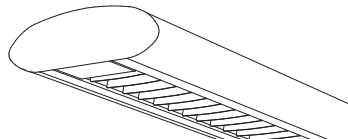
Lamp Guard
Not available with upper optics option U



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



Suspended
Direct/Indirect
1 T5HO



Photometry Optics RJ Specular VDT Louver w/ 100% Down Kit

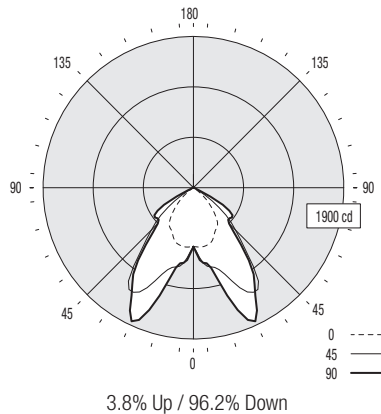
Report Summary

Report # 2101309 **Peak Candela Value*** N/A
Filename 8816H01RJ.ies **Peak to Zenith Ratio*** N/A : 1
Efficiency 53.8% * 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	741	741	741	741	741	
5	749	813	879	922	911	86
15	736	945	1036	1162	1197	301
25	630	876	1386	1769	1851	596
35	531	974	1433	1261	1326	698
45	280	561	751	680	637	484
55	50	93	291	469	603	257
65	3	2	14	78	80	48
75	0	1	1	0	1	2
85	0	0	0	0	0	0
90	1	1	1	1	2	
95	2	2	2	3	4	4
105	2	2	3	4	4	4
115	2	3	4	5	5	4
125	2	4	5	6	6	4
135	2	6	6	8	8	4
145	3	7	8	9	10	4
155	4	5	11	12	13	4
165	4	4	6	12	12	3
175	4	4	4	4	4	0
180	4	4	4	4	4	



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 RCR	64	64	64	64	62	62	62	59	59	59	53					
1	60	58	56	55	58	57	55	54	53	52	48					
2	56	52	50	47	54	51	49	49	47	46	42					
3	52	47	44	41	51	46	43	45	42	40	38					
4	48	43	39	36	47	42	39	41	38	35	33					
5	45	39	35	32	44	38	34	37	34	31	30					
6	41	35	31	28	40	35	31	34	30	28	26					
7	39	32	28	25	38	32	28	31	27	25	24					
8	36	29	25	23	35	29	25	28	25	22	21					
9	34	27	23	20	33	27	23	26	23	20	19					
10	31	25	21	18	31	25	21	24	21	18	17					

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	419	2437	5050
65	34	159	909
75	0	19	19
85	0	0	0

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

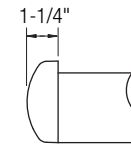
Additional Information

Modules

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

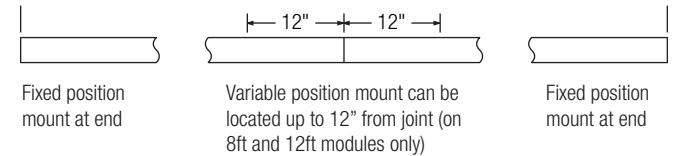
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



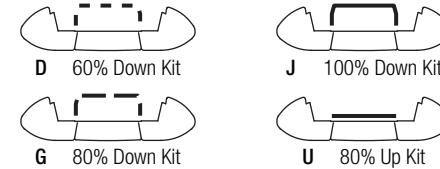
Mounting in Runs

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.