

Achieva®

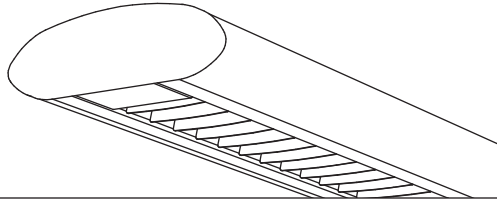


Project Name

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 Enter the total run length in feet (4ft increments)	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"/>				
						Mount Type		Suspension Length		
						Consult separate mounting spec sheet for mount type options		Enter distance from ceiling to top of fixture in inches		
		* 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		

Upgrades & Accessories

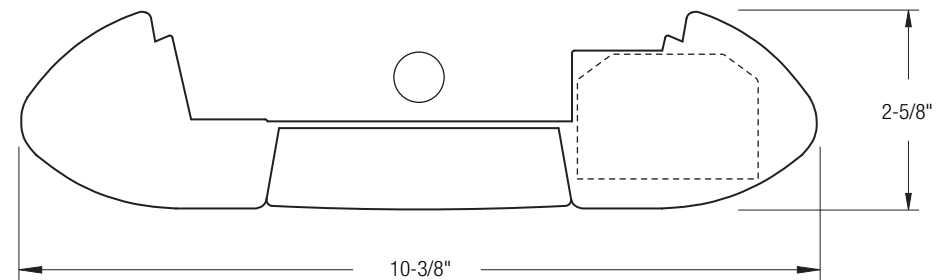
Please indicate with check mark.

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 RD Specular VDT Louver w/ 60% Down Kit

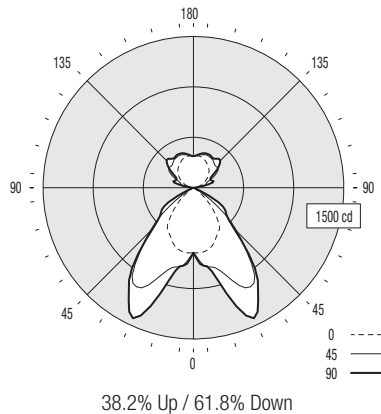
Report Summary

Report # 2101308 **Peak Candela Value*** 384 @ 138°
Filename 8816H01RD.ies **Peak to Zenith Ratio*** 1.2 : 1
Efficiency 69.6% * 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	646	646	646	646	646	71
5	649	689	733	759	758	238
15	624	746	819	929	955	466
25	538	709	1066	1351	1429	556
35	452	755	1068	1034	1120	392
45	228	417	616	574	573	181
55	39	77	206	304	388	36
65	3	4	10	56	82	5
75	2	2	3	3	4	4
85	1	2	3	3	3	4
90	2	3	3	4	4	34
95	19	38	23	13	15	135
105	63	90	133	185	198	172
115	116	176	182	176	189	222
125	170	215	298	273	260	239
135	219	261	307	376	378	203
145	258	291	337	359	353	157
155	289	311	349	367	364	96
165	315	323	338	352	353	32
175	316	318	320	323	322	32
180	313	313	313	313	313	



Coefficients of Utilization (%)

Ceiling:	80					70					50					0				
	70	50	30	10	0	70	50	30	10	0	70	50	30	10	0	70	50	30	10	0
0 RCR	76	76	76	76	76	71	71	71	62	62	62	62	62	41	34	34	34	34	34	34
1	70	68	66	64	64	66	64	62	56	54	53	53	37	30	30	30	30	30	30	30
2	65	61	57	54	54	61	57	54	50	48	46	46	33	27	27	27	27	27	27	27
3	60	54	50	46	46	56	51	47	45	42	40	29	24	24	24	24	24	24	24	24
4	56	49	44	40	40	52	46	42	41	38	35	26	21	21	21	21	21	21	21	21
5	51	44	39	35	35	48	42	37	37	33	31	23	19	19	19	19	19	19	19	19
6	47	40	34	31	31	44	38	33	34	30	27	21	17	17	17	17	17	17	17	17
7	44	36	31	27	27	41	34	29	31	27	24	19	15	15	15	15	15	15	15	15
8	41	33	28	24	24	38	31	27	28	24	22	17	14	14	14	14	14	14	14	14
9	38	30	25	22	22	36	29	24	26	22	19	15	12	12	12	12	12	12	12	12
10	36	28	23	19	19	33	26	22	24	20	17	14	11	11	11	11	11	11	11	11

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	327	1725	3249
65	34	114	932
75	37	56	74
85	55	165	165

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

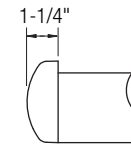
Additional Information

Modules

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

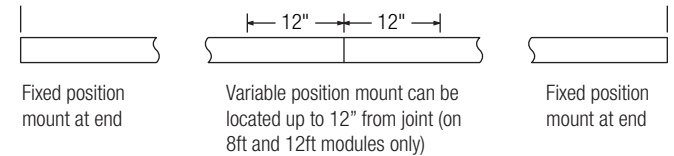
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



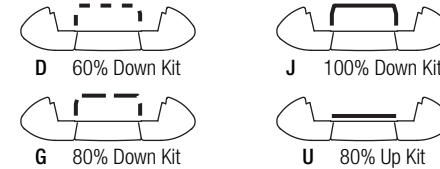
Mounting in Runs

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.