

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

Upgrades & Accessories

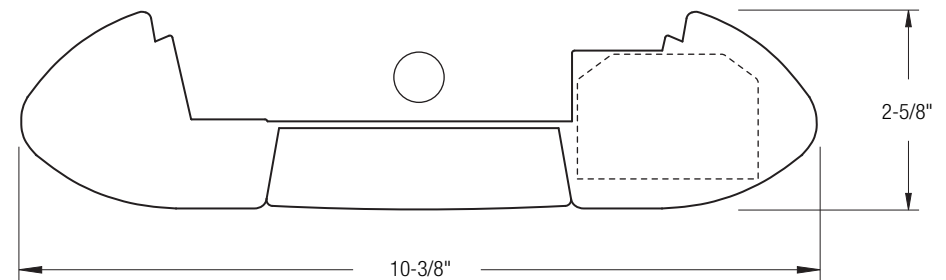
Please indicate with check mark.

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



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Photometry Optics PN Semi-Specular Louver

Report Summary

Report # 9900359
Filename 8816H01PN.ies
Efficiency 94.4%

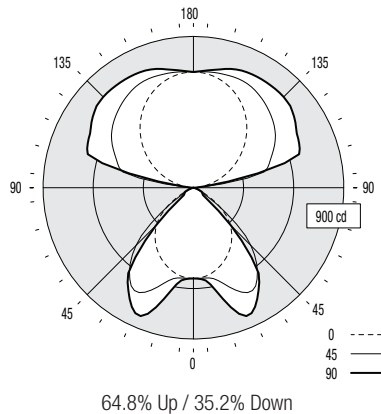
Peak Candela Value* 765 @ 138°
Peak to Zenith Ratio* 1.1 : 1

* Between 90-180° vertical angle

Meets RP-1-04 recommendations for VDT-Intensive spaces

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	540	540	540	540	540	
5	537	537	541	544	546	52
15	509	520	572	653	686	168
25	461	507	686	803	824	301
35	396	503	664	679	687	372
45	311	450	486	370	315	308
55	184	276	171	62	67	147
65	51	78	33	49	53	53
75	5	4	4	2	2	7
85	1	1	0	0	0	0
90	0	0	0	0	0	0
95	28	103	49	34	34	87
105	126	267	460	573	565	408
115	237	358	528	645	692	495
125	347	444	596	703	736	511
135	449	526	642	738	764	485
145	538	591	679	746	764	418
155	609	639	701	747	758	319
165	659	672	699	724	732	197
175	685	687	693	697	698	68
180	689	689	689	689	689	



Coefficients of Utilization (%)

Ceiling: Walk:	80				70				50				0
	70	50	30	10	70	50	30	10	50	30	10	0	
0 RCR	97	97	97	97	87	87	87	69	69	69	30		
1	89	85	82	79	80	77	74	61	60	58	27		
2	82	75	70	66	73	68	64	55	52	49	24		
3	75	67	60	56	67	61	55	49	45	42	21		
4	69	59	53	47	62	54	48	44	39	36	18		
5	63	53	46	41	57	48	42	39	35	31	16		
6	58	47	40	35	52	43	37	35	31	27	14		
7	54	43	36	31	48	39	33	32	27	24	13		
8	50	39	32	27	45	35	29	29	25	21	11		
9	46	35	29	24	42	32	26	26	22	19	10		
10	43	32	26	21	39	29	24	24	20	17	9		

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	2615	2430	952
65	984	637	1022
75	157	126	63
85	94	0	0

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

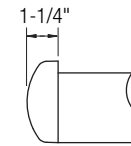
Additional Information

Modules

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

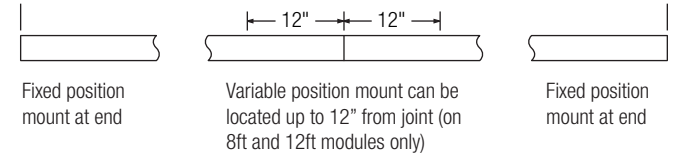
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



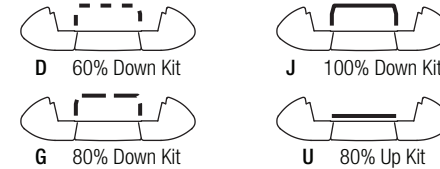
Mounting in Runs

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.