

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	<h3>Mounting Hardware</h3> <div style="display: flex; justify-content: space-between;"> <input type="text"/> <input type="text"/> </div> <table border="1"> <tr> <td>Mount Type Consult separate mounting spec sheet for mount type options</td> <td>Suspension Length <i>Enter distance from ceiling to top of fixture in inches</i></td> </tr> </table>		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>
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>											
		* 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

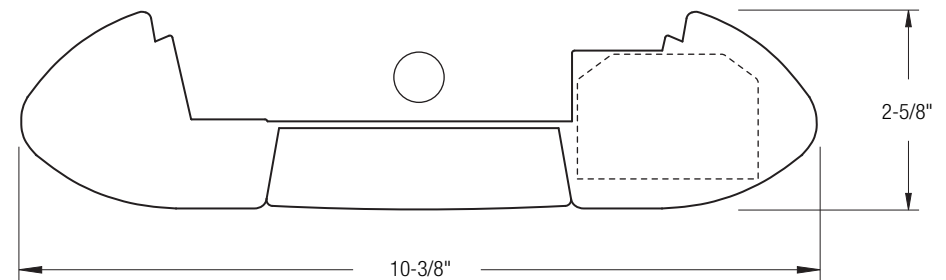
Please indicate with check mark.

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 PG Semi-Specular Louver w/ 80% Down Kit

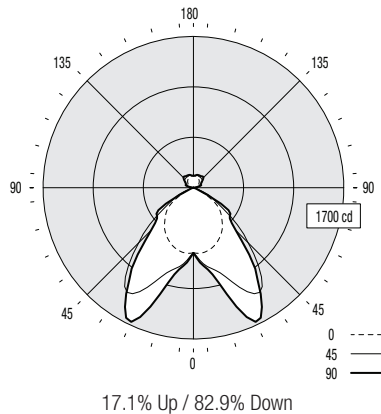
Report Summary

Report # 9900251 **Peak Candela Value*** 164 @ 138°
Filename 8816H01PG.ies **Peak to Zenith Ratio*** 1.2 : 1
Efficiency 71.4% * 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	733	733	733	733	733	
5	741	765	818	835	844	80
15	718	843	961	1064	1106	274
25	657	859	1236	1572	1664	551
35	568	886	1357	1332	1265	694
45	448	852	874	757	677	594
55	301	574	407	463	511	411
65	94	145	180	131	74	146
75	11	11	9	5	4	14
85	1	1	1	1	0	1
90	0	0	0	0	0	0
95	8	16	7	6	6	13
105	29	43	63	79	79	60
115	53	78	80	95	95	80
125	73	92	124	119	113	96
135	92	108	135	159	159	102
145	109	121	140	156	157	87
155	123	131	142	153	154	65
165	131	136	142	148	149	40
175	134	134	136	136	137	14
180	133	133	133	133	133	



Coefficients of Utilization (%)

Ceiling: Wall:	80			70			50			0
	70	50	30	70	50	30	50	30	10	0
0 RCR	81	81	81	81	78	78	78	72	72	59
1	76	73	71	69	73	70	68	65	64	52
2	70	65	61	58	67	63	59	59	56	45
3	64	58	53	49	62	56	52	52	49	40
4	59	52	46	42	57	50	45	47	43	34
5	55	47	41	37	52	45	40	42	38	30
6	50	42	36	32	48	41	35	38	34	26
7	47	38	32	28	45	37	32	35	30	23
8	43	34	29	25	42	33	28	32	27	21
9	40	31	26	22	39	31	25	29	24	19
10	38	29	24	20	36	28	23	27	22	17

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	4278	5784	7262
65	1813	3472	1427
75	346	283	126
85	94	94	0

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

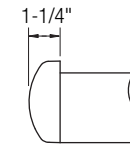
Additional Information

Modules

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

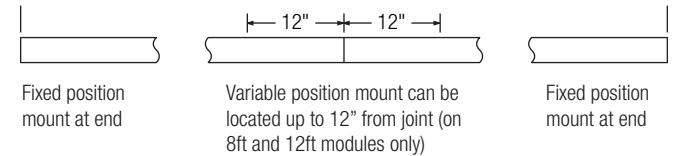
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



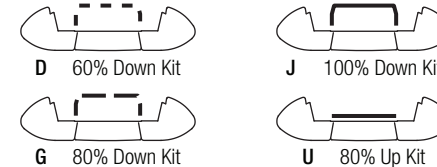
Mounting in Runs

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.