

Achieva®



Project Name

Spec Type

Notes

Suspended
Direct/Indirect
2 T5HO



Order Guide

Some combinations of product options may not be available. Consult factory for assistance with your specification.


8816	H02			-		-		-	
Product Series & Type Achieva Direct/Indirect	Lamping 2 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 2 2 cct 3 1 cct w/ Emergency cct 4 2 cct w/ Emergency cct 5 1 cct w/ Battery Pack 6 2 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 Consult separate mounting spec sheet for mount type options <i>Enter distance from ceiling to top of fixture in inches</i>		

Upgrades & Accessories

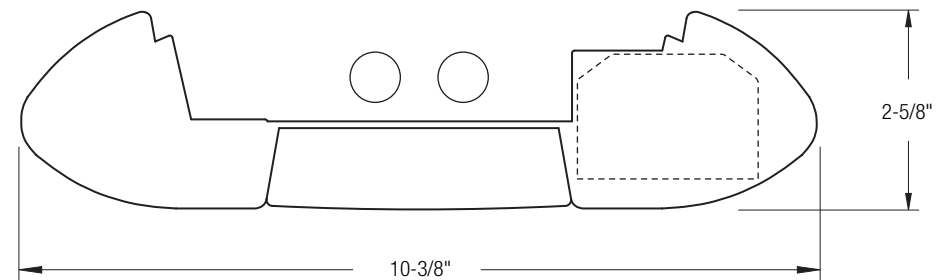
Please indicate with check mark.

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



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Photometry Optics PD Semi-Specular Louver w/ 60% Down Kit

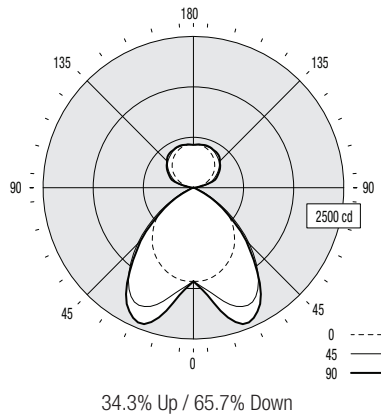
Report Summary

Report # 9900256 **Peak Candela Value*** 730 @ 163°
Filename 8816H02PD.ies **Peak to Zenith Ratio*** 1 : 1
Efficiency 75.8% * 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	1548	1548	1548	1548	1548	
5	1548	1590	1647	1679	1692	162
15	1485	1662	1944	2160	2221	542
25	1360	1713	2144	2331	2374	922
35	1182	1687	1884	1889	1924	1088
45	940	1405	1316	1222	1240	965
55	617	865	682	596	587	609
65	174	241	191	140	100	191
75	19	18	12	8	6	20
85	2	2	1	1	1	2
90	0	0	0	0	0	0
95	31	52	37	33	24	52
105	140	198	265	257	245	236
115	273	335	391	424	435	371
125	398	454	509	533	537	437
135	500	546	604	631	621	451
145	588	617	662	698	694	410
155	651	670	709	729	718	322
165	700	714	717	730	729	204
175	712	714	717	718	717	70
180	708	708	708	708	708	



Coefficients of Utilization (%)

Ceiling:	80				70				50				0				
	70	50	30	10	70	50	30	10	50	30	10	0	70	50	30	10	0
0 RCR	83	83	83	83	78	78	78	69	69	69	69	48					
1	77	75	72	70	73	70	68	62	60	59	59	43					
2	71	66	62	59	67	63	59	56	53	51	38						
3	66	59	54	50	62	56	51	50	46	44	33						
4	60	53	47	43	57	50	45	45	41	38	29						
5	56	47	42	37	52	45	40	40	36	33	25						
6	51	43	37	33	48	41	35	37	32	29	22						
7	48	39	33	29	45	37	31	33	29	26	20						
8	44	35	29	26	42	33	28	30	26	23	18						
9	41	32	27	23	39	31	26	28	24	21	16						
10	39	29	24	20	36	28	23	26	21	19	15						

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	8769	9692	8342
65	3356	3684	1929
75	598	378	189
85	187	94	94

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

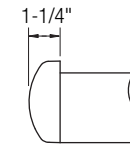
Additional Information

Modules

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

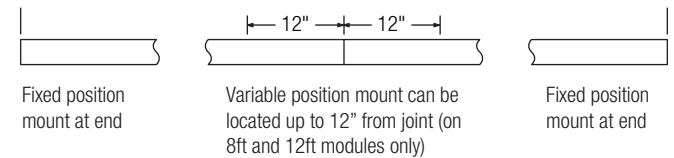
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



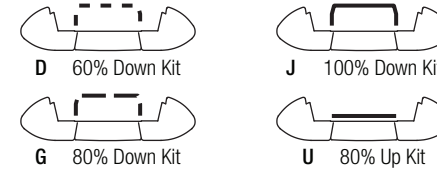
Mounting in Runs

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.