

Achieva®



Project Name

Spec Type

Notes

Suspended
Direct/Indirect
2 T5HO




Order Guide

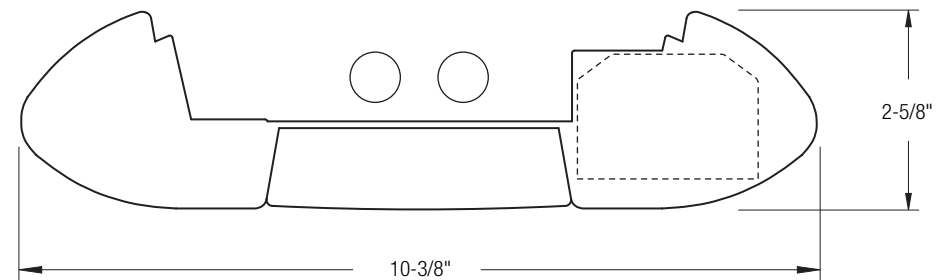
Some combinations of product options may not be available. Consult factory for assistance with your specification.

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	<h3>Mounting Hardware</h3> <div style="display: flex; justify-content: space-around;"> <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>
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Upgrades & Accessories

Please indicate with check mark.

<input type="checkbox"/> Lamps Included	<input checked="" type="checkbox"/> Lamps Included and Installed
<input type="checkbox"/> Lamp Guard Not available with upper optics option U	
<input type="checkbox"/> Response Daylight (Integrated Controls) For details visit www.ledalite.com/response	



Suspended
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Photometry Optics RD Specular VDT Louver w/ 60% Down Kit

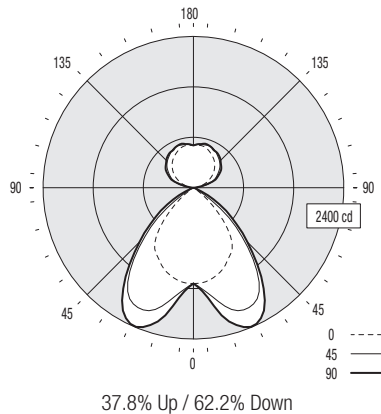
Report Summary

Report # 2101319 **Peak Candela Value*** 723 @ 165°
Filename 8816H02RD.ies **Peak to Zenith Ratio*** 1.1 : 1
Efficiency 67.7% * 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	1521	1521	1521	1521	1521	
5	1516	1557	1614	1656	1650	161
15	1436	1632	1947	2162	2198	536
25	1279	1669	2098	2274	2383	903
35	1078	1617	1829	1797	1953	1039
45	547	888	1093	1100	1215	764
55	76	167	358	465	637	315
65	6	8	18	85	142	53
75	4	5	6	6	7	6
85	3	4	5	4	4	5
90	4	6	7	7	7	
95	44	60	58	41	28	61
105	138	199	273	244	235	237
115	263	319	402	419	432	367
125	381	433	506	533	543	432
135	480	530	589	622	612	440
145	562	605	652	677	669	399
155	623	652	705	710	699	314
165	673	694	702	721	723	199
175	676	682	687	691	692	67
180	670	670	670	670	670	



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
0 RCR	74	74	74	74	69	69	69	60	60	60	40						
1	69	66	64	62	64	62	60	54	53	52	36						
2	64	59	56	53	59	56	53	49	47	45	33						
3	59	53	49	45	55	50	46	44	41	39	29						
4	54	48	43	39	51	45	41	40	37	34	26						
5	50	43	38	34	47	41	36	36	33	30	23						
6	47	39	34	30	44	37	32	33	30	27	21						
7	43	35	30	27	41	34	29	30	27	24	19						
8	40	32	27	24	38	31	26	28	24	22	17						
9	38	30	25	22	35	28	24	26	22	19	15						
10	35	27	23	20	33	26	22	24	20	18	14						

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	636	2998	5335
65	68	205	1614
75	74	111	130
85	165	276	220

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

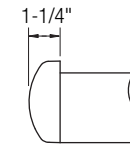
Additional Information

Modules

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

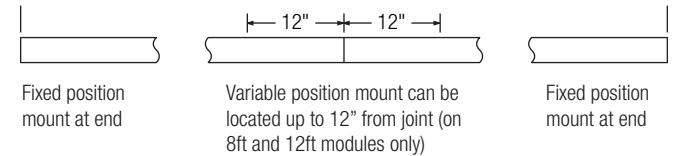
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



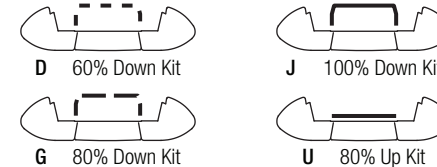
Mounting in Runs

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.