

Achieva®

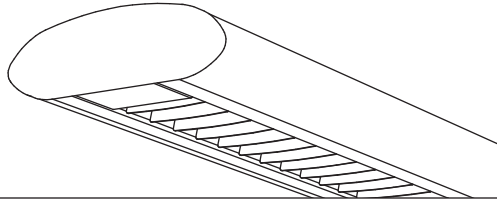


Project Name

Spec Type

Notes

Suspended
Direct/Indirect
2 T5HO




Order Guide

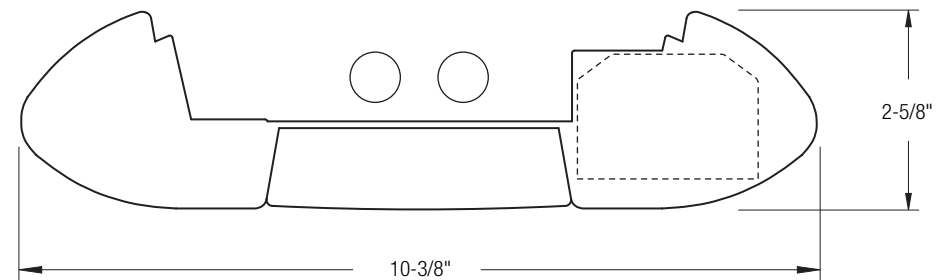
Some combinations of product options may not be available. Consult factory for assistance with your specification.

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>
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>										

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
Direct/Indirect
2 T5HO



Photometry Optics SN Specular Louver

Report Summary

Report # 9900108
Filename 8816H02SN.ies
Efficiency 86.4%

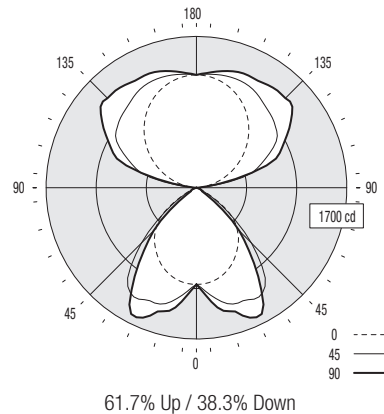
Peak Candela Value* 1435 @ 133°
Peak to Zenith Ratio* 1.1 : 1

* 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	1087	1087	1087	1087	1087	
5	1082	1109	1168	1204	1214	116
15	1039	1169	1349	1434	1437	368
25	948	1180	1389	1573	1607	623
35	813	1113	1353	1291	1218	739
45	648	950	879	727	685	614
55	386	577	344	188	135	314
65	89	119	40	59	62	80
75	5	2	2	1	1	5
85	2	0	0	0	0	0
90	0	0	0	0	0	0
95	49	122	76	45	48	112
105	230	462	653	643	647	561
115	441	659	911	1014	1068	828
125	646	813	1109	1270	1303	930
135	834	968	1177	1367	1423	897
145	997	1099	1243	1367	1409	770
155	1126	1193	1296	1373	1391	590
165	1215	1248	1300	1344	1358	367
175	1262	1270	1281	1290	1293	125
180	1268	1268	1268	1268	1268	



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 RCR	89	89	89	89	81	81	81	65	65	65	30					
1	82	79	76	73	74	71	69	58	56	55	27					
2	75	70	65	61	68	63	59	52	49	46	24					
3	69	62	56	52	63	56	52	46	43	40	21					
4	64	55	49	44	57	50	45	41	37	34	19					
5	58	49	43	38	53	45	39	37	33	30	17					
6	54	44	38	33	49	40	35	33	29	26	15					
7	50	40	33	29	45	37	31	30	26	23	13					
8	46	36	30	26	42	33	28	28	23	21	12					
9	43	33	27	23	39	30	25	25	21	18	11					
10	40	30	24	20	36	28	23	23	19	16	10					

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	3233	2881	1131
65	1012	455	705
75	93	37	19
85	110	0	0

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

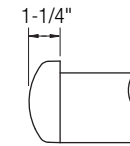
Additional Information

Modules

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

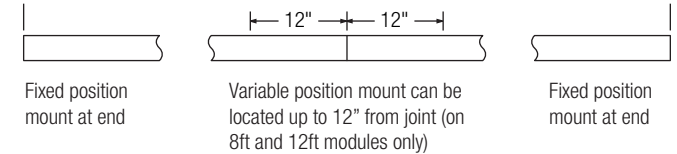
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



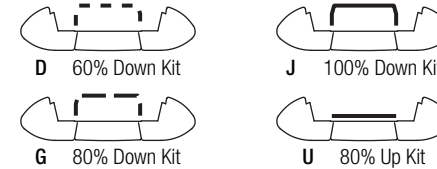
Mounting in Runs

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.