

Achieva®

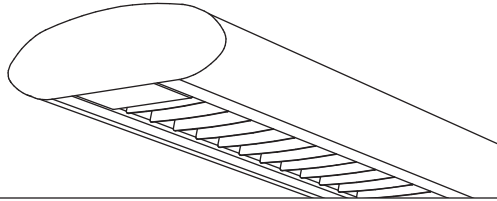


Project Name

Spec Type

Notes

Suspended
Direct/Indirect
3 T5HO




Order Guide

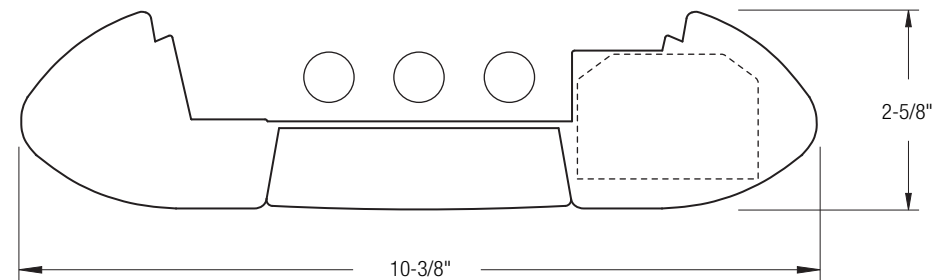
Some combinations of product options may not be available. Consult factory for assistance with your specification.

8816	H03			-		-		-		
Product Series & Type Achieva Direct/Indirect	Lamping 3 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 Y 2 Down / 1 Up Z 1 Down / 2 Up	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		
<h3>Mounting Hardware</h3> <p><input type="text"/> <input type="text"/></p> <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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		* 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.

<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	



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Photometry Optics MZ Semi-Specular VDT Louver w/ 1 Down / 2 Up Kit

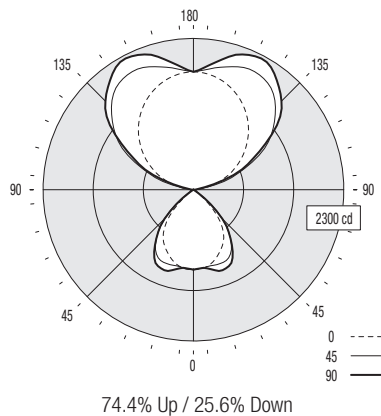
Report Summary

Report # 9900406 **Peak Candela Value*** 2250 @ 153°
Filename 8816H03MZ.ies **Peak to Zenith Ratio*** 1.3 : 1
Efficiency 63.7% * 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	1215	1215	1215	1215	1215	117
5	1212	1207	1202	1197	1201	338
15	1140	1138	1190	1246	1267	531
25	997	1032	1188	1261	1282	598
35	801	908	1011	1041	1025	435
45	427	527	623	642	625	119
55	63	81	143	150	86	15
65	14	16	14	13	8	6
75	7	6	4	3	2	1
85	3	1	0	0	0	0
90	0	0	0	0	0	71
95	73	60	40	40	38	454
105	351	526	484	373	320	902
115	651	939	991	928	919	1206
125	931	1268	1454	1506	1462	1291
135	1188	1512	1774	1878	1904	1181
145	1410	1671	1981	2130	2156	909
155	1587	1757	2024	2183	2238	545
165	1714	1796	1933	2048	2093	180
175	1783	1798	1826	1849	1863	180
180	1793	1793	1793	1793	1793	



Coefficients of Utilization (%)

Ceiling: Walk:	80				70				50				0
	70	50	30	10	70	50	30	10	50	30	10	0	
0 RCR	64	64	64	64	57	57	57	44	44	44	15		
1	59	56	54	52	52	50	48	39	38	37	14		
2	54	50	46	43	48	45	42	35	33	31	12		
3	49	44	40	37	44	40	36	31	29	27	11		
4	45	39	35	31	40	35	31	28	25	23	10		
5	42	35	30	27	37	32	28	25	22	20	9		
6	39	32	27	23	34	28	24	23	20	18	8		
7	36	28	24	21	32	26	22	20	18	16	7		
8	33	26	21	18	29	23	19	19	16	14	6		
9	31	23	19	16	27	21	17	17	14	12	6		
10	29	21	17	14	26	19	16	16	13	11	5		

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	895	2032	1222
65	270	270	154
75	220	126	63
85	281	0	0

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

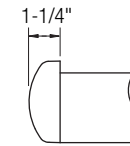
Additional Information

Modules

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

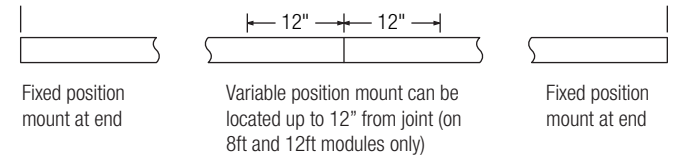
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



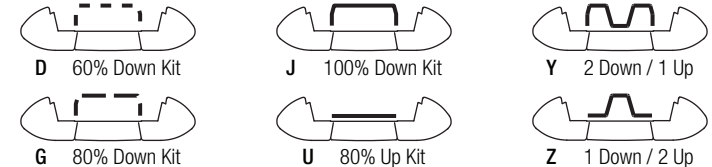
Mounting in Runs

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.