

Achieva®

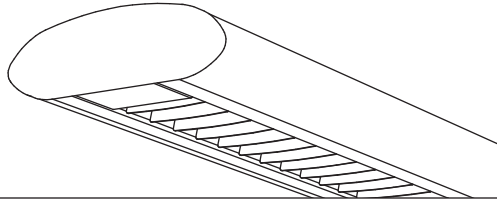


Project Name

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	Mounting Hardware <input type="text"/> <input type="text"/>	
		* 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	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

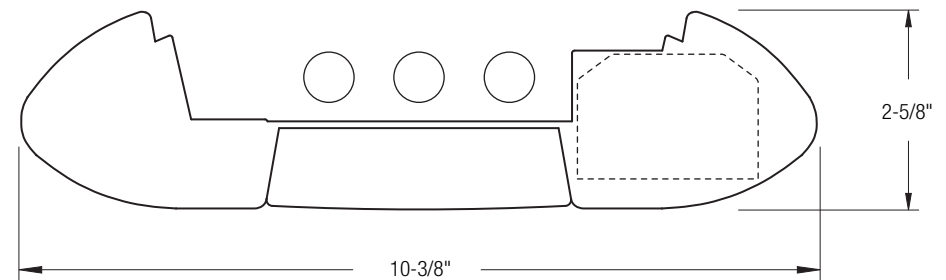
Please indicate with check mark.

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 WZ White Louver w/ 1 Down / 2 Up Kit

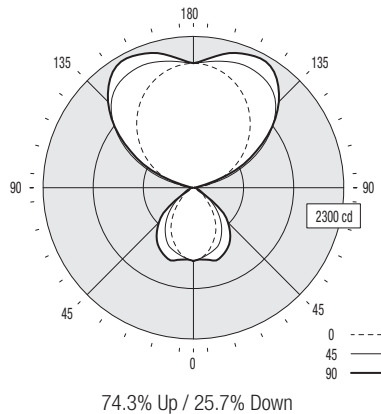
Report Summary

Report # 2101351 **Peak Candela Value*** 2218 @ 153°
Filename 8816H03WZ.ies **Peak to Zenith Ratio*** 1.2 : 1
Efficiency 62.2% * 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	1113	1113	1113	1113	1113	
5	1089	1076	1083	1094	1095	104
15	965	951	1022	1109	1147	291
25	789	799	936	1034	1106	427
35	565	598	754	877	976	466
45	318	356	525	634	746	393
55	186	193	280	317	341	238
65	119	125	143	113	70	120
75	69	69	78	64	51	72
85	22	21	30	23	24	27
90	5	8	10	9	8	
95	63	29	29	22	24	51
105	335	489	405	201	189	368
115	640	903	946	837	848	842
125	943	1246	1420	1373	1385	1159
135	1221	1496	1780	1823	1849	1275
145	1467	1683	1964	2111	2151	1181
155	1664	1806	2016	2160	2207	913
165	1805	1874	1986	2083	2120	561
175	1881	1894	1917	1944	1951	188
180	1893	1893	1893	1893	1893	



Coefficients of Utilization (%)

Ceiling: Wall:	80				70				50				0
	70	50	30	10	70	50	30	10	50	30	10	0	
0 RCR	62	62	62	62	56	56	56	43	43	43	15		
1	57	55	52	50	51	49	47	38	36	35	13		
2	52	48	44	42	46	43	40	33	31	30	11		
3	48	42	38	35	42	38	34	29	27	25	10		
4	44	37	33	29	39	34	30	26	24	21	9		
5	40	33	29	25	36	30	26	23	21	19	8		
6	37	30	25	22	33	27	23	21	18	16	7		
7	34	27	22	19	30	24	20	19	16	14	6		
8	32	24	20	17	28	22	18	17	15	13	5		
9	29	22	18	15	26	20	16	16	13	11	5		
10	27	20	16	13	24	18	15	15	12	10	4		

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	2643	3979	4846
65	2295	2758	1350
75	2173	2457	1606
85	2058	2806	2245

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

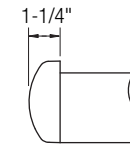
Additional Information

Modules

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

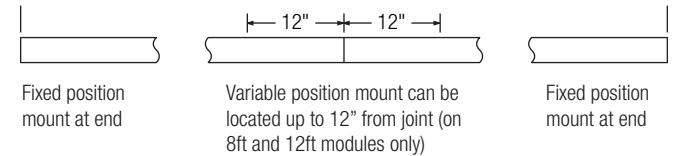
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



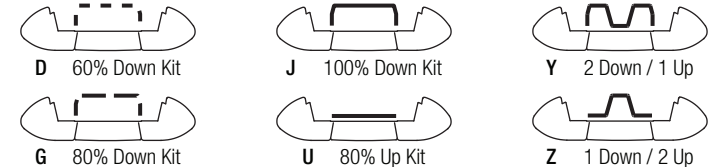
Mounting in Runs

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.