

Achieva®

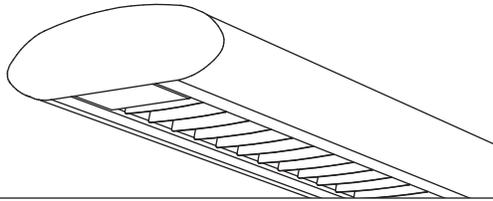


Project Name

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									
Mount Type					Suspension Length				
Consult separate mounting spec sheet for mount type options					Enter distance from ceiling to top of fixture in inches				

Upgrades & Accessories

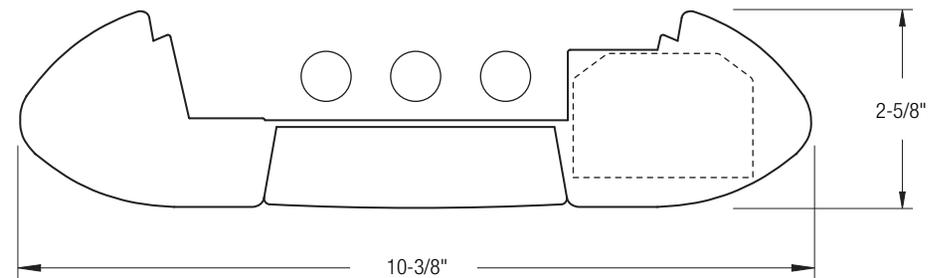
Please indicate with check mark.

Lamps Included Lamps Included and Installed

Lamp Guard
 Not available with upper optics option U

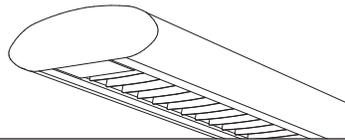


Response Daylight (Integrated Controls)
 For details visit www.ledalite.com/response



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

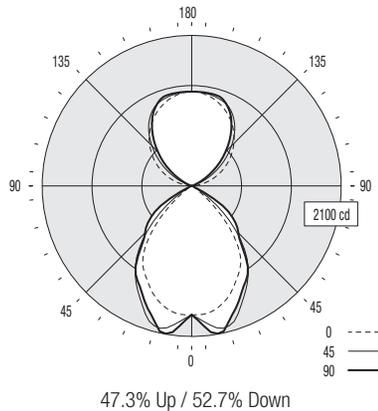
Report Summary

Report # 9900405 **Peak Candela Value*** 1316 @ 168°
Filename 8816H03MY.ies **Peak to Zenith Ratio*** 1 : 1
Efficiency 46.1% * 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	1799	1799	1799	1799	1799	
5	1799	1840	1898	1937	1962	187
15	1694	1871	2023	2044	1978	544
25	1467	1769	1723	1718	1651	778
35	1191	1392	1381	1396	1375	840
45	609	773	868	924	926	641
55	90	133	296	563	634	308
65	19	22	28	84	61	60
75	7	6	6	6	4	8
85	2	1	1	1	1	1
90	0	0	0	0	0	0
95	39	6	5	4	5	13
105	236	118	24	13	12	78
115	448	369	217	113	106	244
125	650	640	498	387	361	453
135	839	876	791	699	668	599
145	1006	1050	1052	995	971	637
155	1145	1173	1223	1219	1208	551
165	1248	1261	1287	1310	1313	363
175	1306	1308	1313	1316	1316	127
180	1315	1315	1315	1315	1315	



Coefficients of Utilization (%)

Ceiling: Walk:	80				70				50				0
	70	50	30	10	70	50	30	10	50	30	10	0	
0 RCR	49	49	49	49	46	46	46	39	39	39	24		
1	46	44	42	41	42	41	40	35	34	33	21		
2	42	39	37	35	39	37	35	32	30	29	19		
3	39	35	32	30	36	33	30	28	27	25	17		
4	36	32	28	26	33	30	27	26	24	22	15		
5	33	28	25	23	31	27	24	23	21	19	14		
6	31	26	22	20	29	24	21	21	19	17	12		
7	29	23	20	18	27	22	19	19	17	15	11		
8	27	21	18	16	25	20	17	18	15	14	10		
9	25	20	16	14	23	18	16	16	14	12	9		
10	23	18	15	13	22	17	14	15	13	11	8		

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	1279	4207	9010
65	366	540	1177
75	220	189	126
85	187	94	94

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

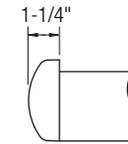
Additional Information

Modules

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

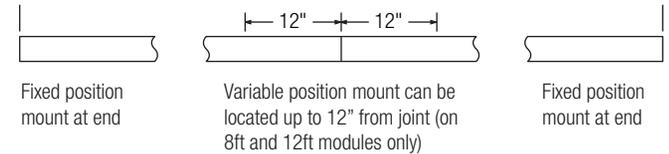
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



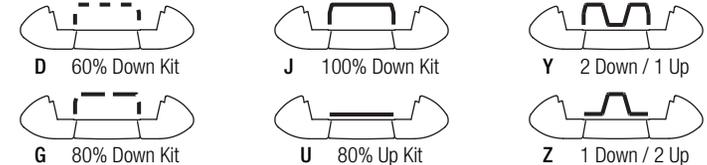
Mounting in Runs

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.