

Achieva®

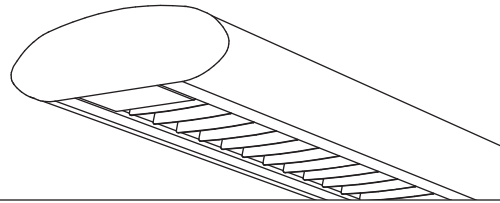


Project Name

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	Mounting Hardware <input type="text"/> <input type="text"/> Mount Type <input type="text"/> Suspension Length <input type="text"/> <i>Enter distance from ceiling to top of fixture in inches</i> Consult separate mounting spec sheet for mount type 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					

Upgrades & Accessories

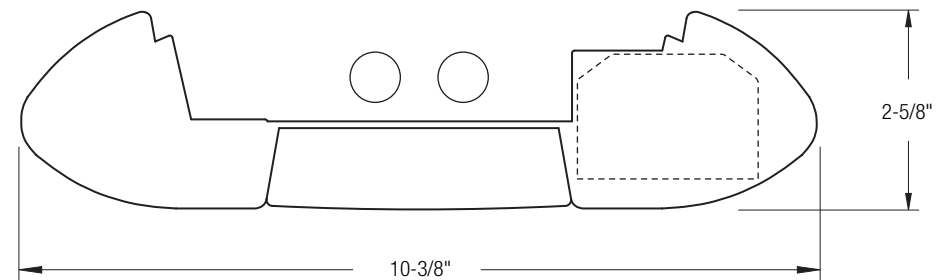
Please indicate with check mark.

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





Photometry Optics MU Semi-Specular VDT Louver w/ 80% Up Kit

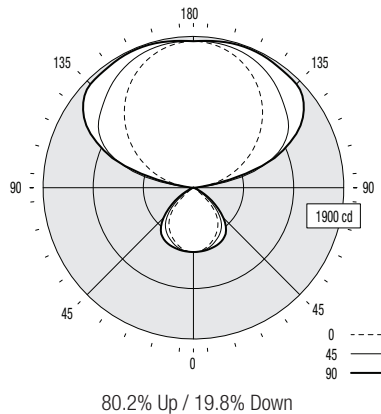
Report Summary

Report # 9900259 **Peak Candela Value*** 1883 @ 158°
Filename 8816H02MU.ies **Peak to Zenith Ratio*** 1 : 1
Efficiency 91.4% * 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	808	808	808	808	808	
5	803	804	805	806	806	78
15	747	756	775	792	796	219
25	660	674	708	755	772	329
35	540	564	615	672	710	383
45	330	375	437	491	534	328
55	59	90	188	246	282	158
65	10	13	17	52	70	35
75	5	4	2	3	3	4
85	2	0	0	0	0	0
90	0	0	0	0	0	0
95	70	144	79	56	55	132
105	360	679	793	719	686	702
115	666	922	1248	1330	1348	1110
125	964	1145	1462	1653	1702	1249
135	1232	1362	1579	1775	1841	1207
145	1460	1547	1697	1820	1859	1053
155	1639	1691	1783	1857	1881	818
165	1764	1787	1830	1866	1878	517
175	1830	1835	1843	1850	1852	179
180	1840	1840	1840	1840	1840	



Coefficients of Utilization (%)

Ceiling/Walk	80				70			50			0
	70	50	30	10	70	50	30	50	30	10	0
0 RCR	91	91	91	91	80	80	80	60	60	60	16
1	83	79	76	73	73	70	67	53	51	50	14
2	76	70	65	60	67	62	58	47	44	42	13
3	69	62	56	51	61	55	50	41	38	35	11
4	63	55	48	43	56	48	43	37	33	30	10
5	58	49	42	37	51	43	37	33	29	26	9
6	54	43	37	32	47	39	33	30	26	23	8
7	49	39	32	28	43	35	29	27	23	20	7
8	46	35	29	24	40	32	26	24	20	18	6
9	42	32	26	21	37	29	23	22	18	16	6
10	39	29	23	19	35	26	21	20	16	14	5

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	838	2672	4008
65	193	328	1350
75	157	63	94
85	187	0	0

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

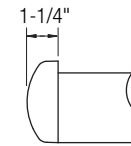
Additional Information

Modules

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

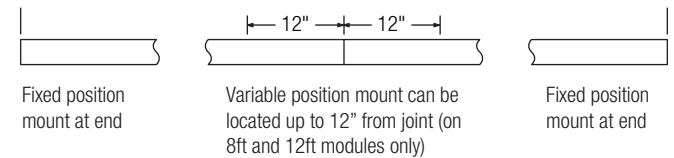
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



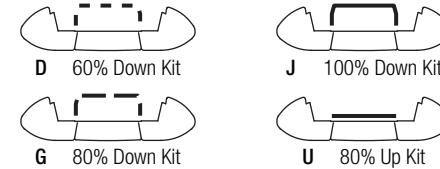
Mounting in Runs

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.