

Achieva®

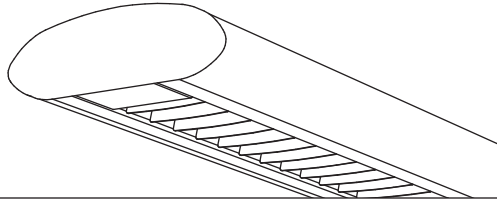


Project Name

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>									
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

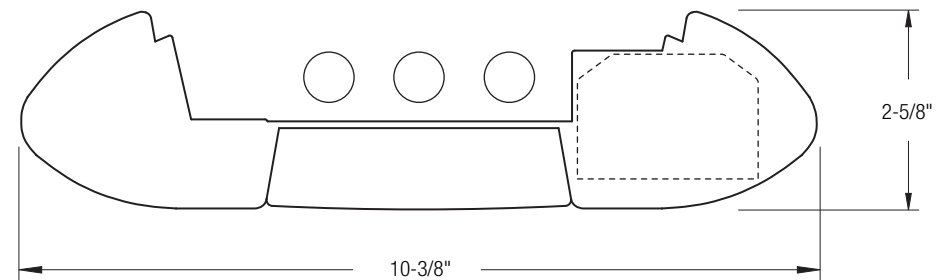
Please indicate with check mark.

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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3 T5HO



Photometry Optics MD Semi-Specular VDT Louver w/ 60% Down Kit

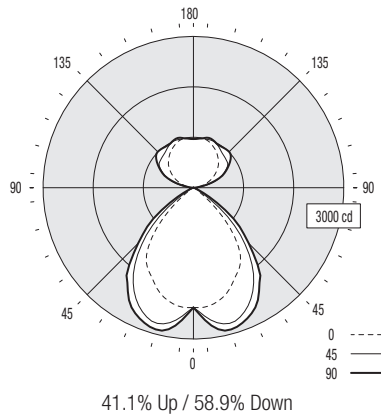
Report Summary

Report # 9900402 **Peak Candela Value*** 1035 @ 163°
Filename 8816H03MD.ies **Peak to Zenith Ratio*** 1.1 : 1
Efficiency 63% * 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	2376	2376	2376	2376	2376	250
5	2380	2446	2555	2620	2636	761
15	2255	2539	2786	2901	2910	1154
25	1963	2411	2582	2711	2748	1283
35	1633	2027	2091	2202	2298	988
45	856	1147	1329	1486	1560	419
55	130	219	424	681	774	78
65	27	31	40	118	126	10
75	8	8	7	8	7	2
85	2	1	1	1	1	0
90	0	0	0	0	0	96
95	50	85	81	89	51	375
105	207	339	408	404	355	595
115	392	516	663	700	682	694
125	559	650	836	901	890	674
135	705	773	873	993	1008	579
145	822	873	930	987	988	451
155	914	934	1000	1018	1008	284
165	984	989	996	1022	1027	95
175	981	979	977	977	975	966
180	966	966	966	966	966	



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					
0 RCR	68	68	68	68	63	63	63	54	54	54	35	63	61	59	57	59	57	55	49	48	47	32
1	58	54	51	48	54	51	48	44	42	41	28	54	49	45	42	50	46	42	40	38	35	25
2	54	49	45	42	50	44	40	36	47	41	37	36	33	31	23	40	33	28	25	24	16	12
3	46	40	35	32	43	37	33	33	30	27	20	43	36	31	28	40	34	30	30	27	24	18
4	43	36	31	28	40	33	28	25	37	31	27	28	24	22	16	40	33	28	25	25	22	16
5	37	30	25	22	35	28	24	25	22	20	15	37	30	25	22	35	28	24	25	22	20	15
6	35	27	23	20	32	26	22	23	20	18	14	32	25	21	18	30	24	20	21	18	16	12
7	32	25	21	18	30	24	20	21	18	16	12											

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	1848	6026	11000
65	521	772	2430
75	252	220	220
85	187	94	94

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

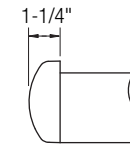
Additional Information

Modules

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

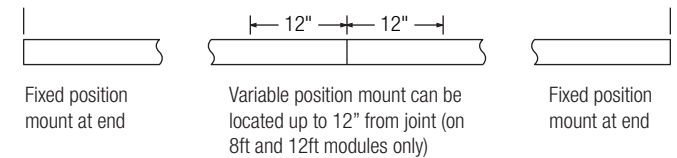
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



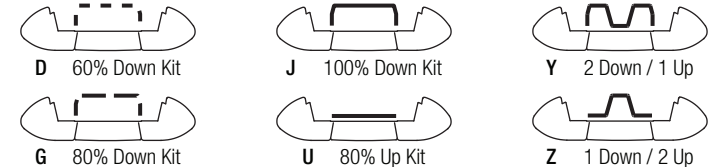
Mounting in Runs

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.