

Achieva®

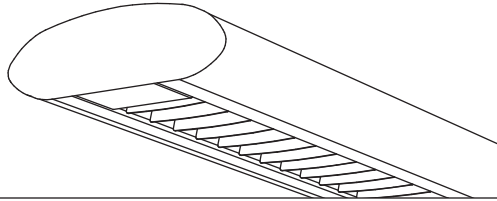


Project Name

Spec Type

Notes

Suspended
Direct/Indirect
3 T8





Order Guide

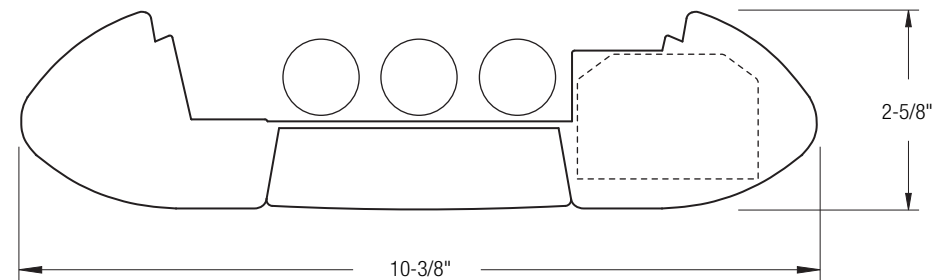
Some combinations of product options may not be available. Consult factory for assistance with your specification.

8816	T03			-		-		-		
Product Series & Type Achieva Direct/Indirect	Lamping 3 T8	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>			

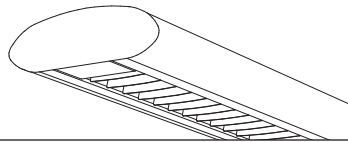
Upgrades & Accessories

Please indicate with check mark.

<input type="checkbox"/> Lamps Included	<input type="checkbox"/> Lamps Included and Installed
<input type="checkbox"/> Lamp Guard Not available with upper optics option U 	<input type="checkbox"/> Dust Cover 
<input type="checkbox"/> Response Daylight (Integrated Controls) For details visit www.ledalite.com/response	



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

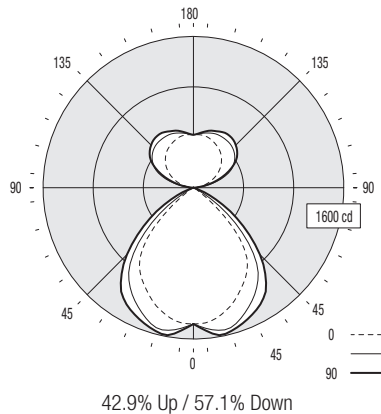
Report Summary

Report # 9900391 **Peak Candela Value*** 672 @ 148°
Filename 8816T03MD.ies **Peak to Zenith Ratio*** 1.2 : 1
Efficiency 61.1% * 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	1442	1442	1442	1442	1442	
5	1436	1459	1493	1512	1517	144
15	1343	1439	1533	1573	1568	422
25	1188	1335	1391	1467	1480	636
35	1001	1118	1197	1298	1342	742
45	593	714	829	940	1001	622
55	95	149	334	503	564	304
65	18	19	31	144	191	80
75	5	5	5	5	5	7
85	1	0	0	1	1	1
90	0	0	0	0	0	
95	35	57	46	49	31	61
105	133	241	255	247	220	241
115	242	366	439	432	416	385
125	343	444	537	567	565	447
135	423	502	591	635	637	435
145	485	544	613	662	670	375
155	526	567	618	647	655	280
165	558	576	599	619	624	170
175	563	566	570	573	574	57
180	560	560	560	560	560	



Coefficients of Utilization (%)

Ceiling: Walk:	80				70				50				0	
	70	50	30	10	70	50	30	10	50	30	10	0	0	
0 RCR	66	66	66	66	61	61	61	52	52	52	33			
1	61	59	57	55	57	55	53	47	46	45	30			
2	56	52	49	46	52	49	46	42	40	39	26			
3	52	47	43	40	48	44	40	38	36	33	23			
4	48	42	38	34	44	39	36	34	32	29	21			
5	44	38	33	30	41	35	31	31	28	26	18			
6	41	34	29	26	38	32	28	28	25	23	17			
7	38	31	26	23	35	29	25	26	23	20	15			
8	35	28	24	21	33	27	23	24	20	18	13			
9	33	26	21	19	31	24	20	22	19	16	12			
10	31	24	19	17	29	22	19	20	17	15	11			

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	1350	4747	8015
65	347	598	3684
75	157	157	157
85	94	0	94

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

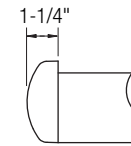
Additional Information

Modules

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

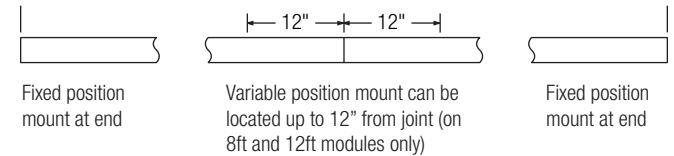
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



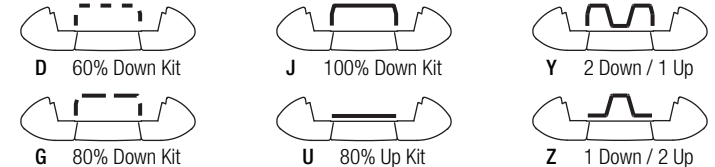
Mounting in Runs

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.