

Achieva®



Project Name

Spec Type

Notes

Suspended
Direct/Indirect
3 T8





Order Guide

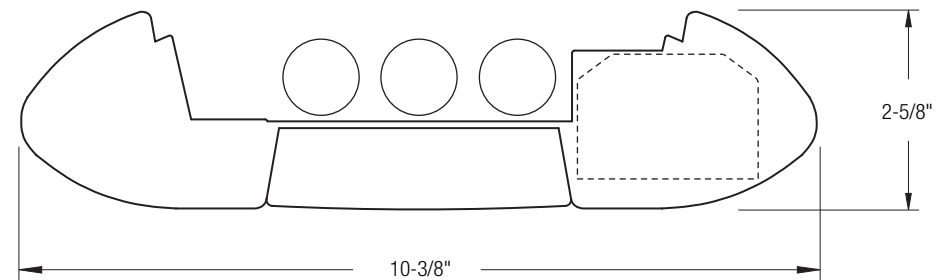
Some combinations of product options may not be available. Consult factory for assistance with your specification.

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

<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	





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

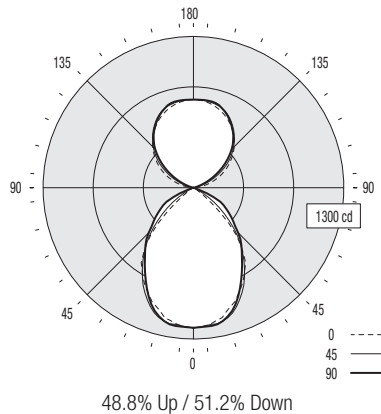
Report Summary

Report # 9900395 **Peak Candela Value*** 759 @ 170°
Filename 8816T03MY.ies **Peak to Zenith Ratio*** 1 : 1
Efficiency 44.6% * 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	1204	1204	1204	1204	1204	114
5	1192	1195	1191	1188	1198	320
15	1102	1119	1155	1155	1146	451
25	961	996	994	977	953	474
35	787	793	761	738	731	373
45	432	454	494	519	546	194
55	62	88	220	320	371	71
65	12	13	24	139	192	7
75	4	4	4	4	3	0
85	1	0	1	1	0	13
90	0	0	0	0	0	76
95	26	7	6	7	7	198
105	140	99	55	32	26	311
115	267	243	196	156	142	376
125	388	380	352	318	305	376
135	499	507	491	477	467	376
145	592	610	606	599	594	317
155	669	683	697	693	689	209
165	724	730	742	751	752	73
175	753	754	756	758	758	
180	758	758	758	758	758	



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	48	48	48	48	44	44	44	37	37	37	22	22	44	44	44	33	32	20
1	44	42	41	40	41	39	38	33	33	33	20	20	41	39	38	33	20	18
2	41	38	35	33	38	35	33	30	29	27	18	18	37	34	31	29	25	16
3	37	34	31	29	35	31	29	27	25	24	16	16	35	30	27	25	22	14
4	35	30	27	25	32	28	25	24	22	21	14	14	32	30	25	23	22	13
5	32	27	24	21	30	25	23	22	20	18	13	13	30	25	21	19	20	11
6	30	25	21	19	27	23	20	20	18	16	11	11	27	22	19	17	18	10
7	27	22	19	17	25	21	18	18	16	14	10	10	25	20	17	15	17	9
8	26	20	17	15	24	19	16	17	15	13	9	9	24	19	16	13	15	8
9	24	19	16	13	22	18	15	15	13	12	8	8	22	17	14	12	11	8
10	22	17	14	12	21	16	13	14	12	11	8	8	21	16	13	14	12	8

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	881	3127	5273
65	231	463	3703
75	126	126	94
85	94	94	0

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

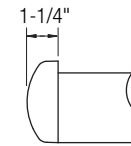
Additional Information

Modules

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

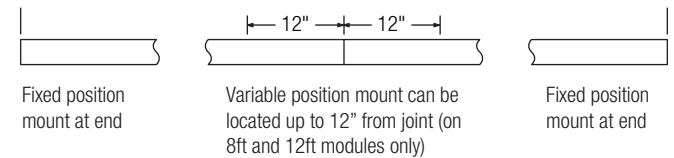
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



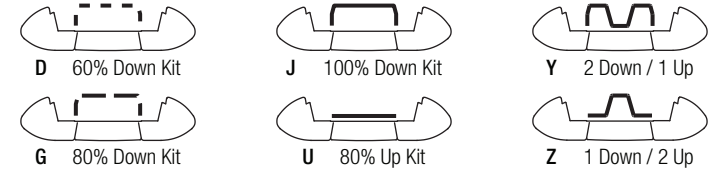
Mounting in Runs

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.