

Achieva®

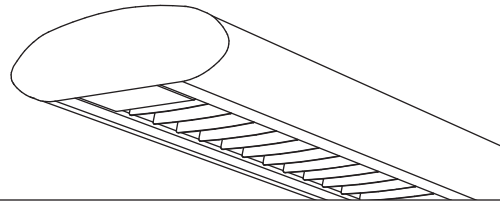


Project Name

Spec Type

Notes

Suspended
 Direct/Indirect
 3 T8





Order Guide

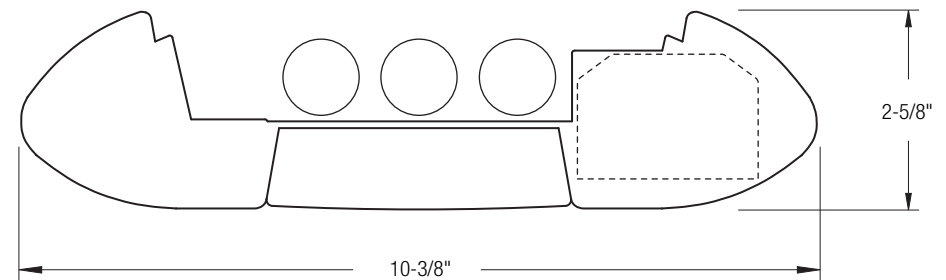
Some combinations of product options may not be available. Consult factory for assistance with your specification.

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 Enter the total run length in feet (4ft increments)	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 Enter distance from ceiling to top of fixture in inches	
		* 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	



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

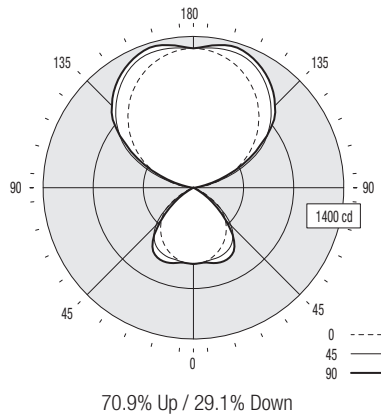
Report Summary

Report # 9900213 **Peak Candela Value*** 1359 @ 163°
Filename 8816T03PZ.ies **Peak to Zenith Ratio*** 1.1 : 1
Efficiency 64.3% * 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	705	705	705	705	705	
5	701	701	701	702	701	68
15	669	672	686	713	723	196
25	609	621	675	722	735	310
35	526	563	625	664	666	379
45	419	470	495	455	425	352
55	274	313	253	189	168	216
65	82	97	55	12	8	59
75	9	7	3	2	2	6
85	2	0	0	0	0	0
90	0	0	0	0	0	0
95	46	37	23	22	21	43
105	246	304	248	198	181	257
115	463	550	572	525	502	526
125	674	765	837	853	834	714
135	858	955	1022	1066	1073	773
145	1020	1104	1173	1209	1222	721
155	1145	1206	1279	1310	1319	580
165	1233	1265	1312	1347	1359	368
175	1283	1289	1299	1308	1312	125
180	1290	1290	1290	1290	1290	



Coefficients of Utilization (%)

Ceiling: Wall:	80				70				50				0
	70	50	30	10	70	50	30	10	50	30	10	0	
0 RCR	65	65	65	65	58	58	58	45	45	45	17		
1	60	57	55	53	53	51	49	40	39	38	16		
2	55	50	47	44	49	45	42	36	34	32	14		
3	50	45	40	37	45	40	36	32	29	27	12		
4	46	39	35	31	41	36	32	28	25	23	10		
5	42	35	30	27	38	32	28	25	22	20	9		
6	39	31	27	23	35	28	24	23	20	17	8		
7	36	28	24	20	32	26	21	21	18	15	7		
8	33	26	21	18	30	23	19	19	16	13	6		
9	31	23	19	16	27	21	17	17	14	12	6		
10	29	21	17	14	26	19	15	16	13	11	5		

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	3894	3596	2388
65	1582	1061	154
75	283	94	63
85	187	0	0

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

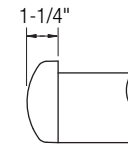
Additional Information

Modules

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

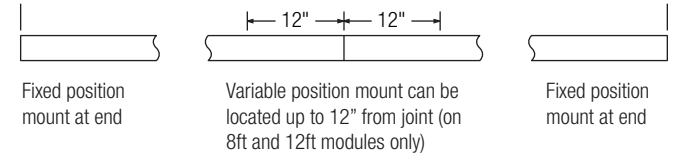
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



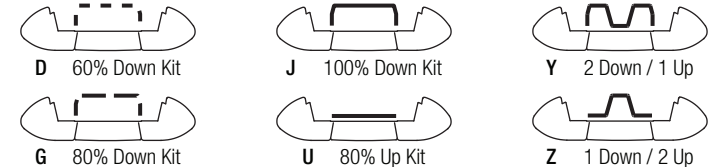
Mounting in Runs

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.