

Achieva®

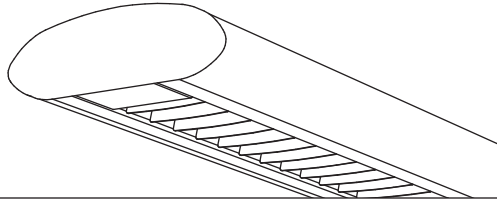


Project Name

Spec Type

Notes

Suspended
Direct/Indirect
3 T8





Order Guide

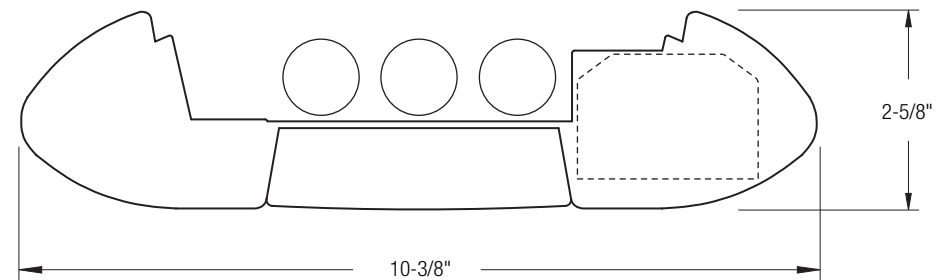
Some combinations of product options may not be available. Consult factory for assistance with your specification.

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	<h3>Mounting Hardware</h3> <div style="display: flex; justify-content: space-between;"> <input type="text"/> <input type="text"/> </div> <table border="1"> <tr> <td>Mount Type Consult separate mounting spec sheet for mount type options</td> <td>Suspension Length <i>Enter distance from ceiling to top of fixture in inches</i></td> </tr> </table>		Mount Type Consult separate mounting spec sheet for mount type options	Suspension Length <i>Enter distance from ceiling to top of fixture in inches</i>
Mount Type Consult separate mounting spec sheet for mount type options	Suspension Length <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 PY Semi-Specular Louver w/ 2 Down / 1 Up Kit

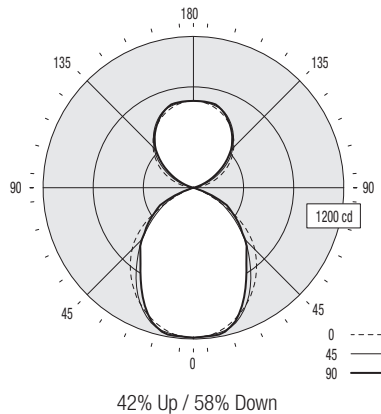
Report Summary

Report # 9900212 **Peak Candela Value*** 689 @ 173°
Filename 8816T03PY.ies **Peak to Zenith Ratio*** 1 : 1
Efficiency 47.1% * 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	1189	1189	1189	1189	1189	114
5	1182	1182	1181	1183	1184	321
15	1119	1127	1147	1146	1142	459
25	1010	1033	1008	974	957	504
35	867	874	796	747	737	470
45	693	662	577	573	584	353
55	451	407	362	387	408	169
65	137	124	165	212	228	18
75	12	10	11	5	4	1
85	1	1	0	1	0	8
90	0	0	0	0	0	67
95	21	4	3	3	3	182
105	126	90	50	25	21	283
115	245	224	179	143	134	341
125	356	349	319	286	279	340
135	456	465	444	428	424	287
145	542	556	549	537	534	190
155	610	621	632	626	622	66
165	658	663	673	682	684	
175	685	685	687	689	689	
180	689	689	689	689	689	



Coefficients of Utilization (%)

Ceiling: Walk:	80				70				50				0
	70	50	30	10	70	50	30	10	50	30	10	0	
0 RCR	51	51	51	51	47	47	47	41	41	41	27		
1	47	45	44	42	44	42	41	37	36	35	24		
2	43	40	38	35	40	38	35	33	31	30	21		
3	40	36	32	30	37	33	31	29	27	25	18		
4	37	32	28	26	34	30	27	26	24	22	16		
5	34	28	25	22	31	27	24	24	21	19	14		
6	31	26	22	19	29	24	21	21	19	17	12		
7	29	23	20	17	27	22	19	19	17	15	11		
8	27	21	18	15	25	20	17	18	15	13	10		
9	25	19	16	14	23	18	15	16	14	12	9		
10	23	18	14	12	22	17	14	15	13	11	8		

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	6409	5145	5798
65	2642	3183	4398
75	378	346	126
85	94	0	0

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

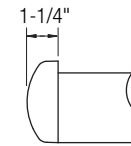
Additional Information

Modules

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

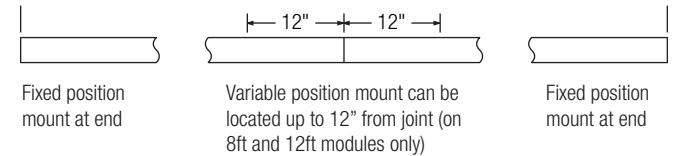
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



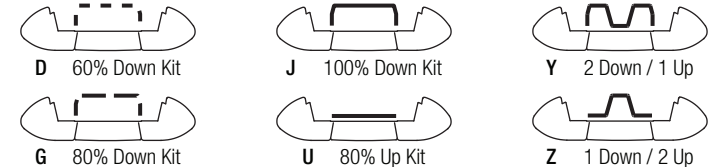
Mounting in Runs

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.