

Achieva®

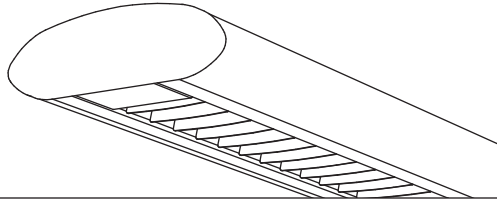


Project Name

Spec Type

Notes

Suspended
Direct/Indirect
3 T8



Order Guide

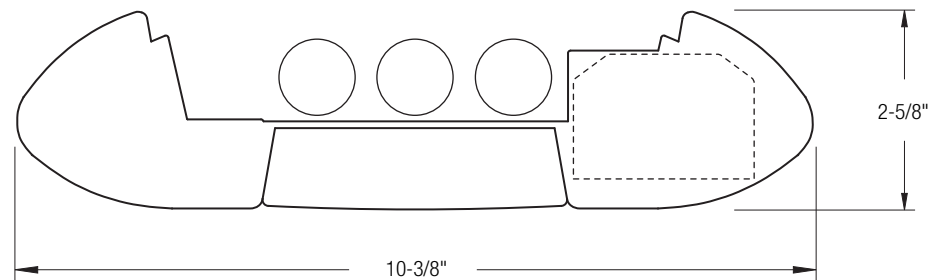
Some combinations of product options may not be available. Consult factory for assistance with your specification.

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										
					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.

<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 WU White Louver w/ 80% Up Kit

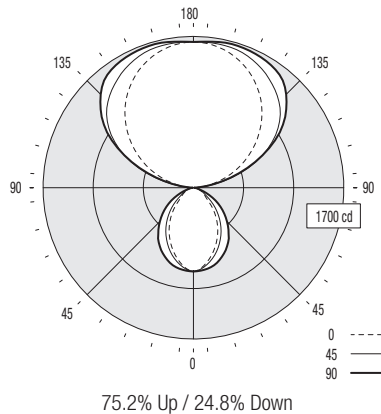
Report Summary

Report # 2101331 **Peak Candela Value*** 1672 @ 165°
Filename 8816T03WU.ies **Peak to Zenith Ratio*** 1 : 1
Efficiency 82.3% * 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	942	942	942	942	942	
5	913	907	920	928	936	87
15	788	784	825	864	902	233
25	633	634	694	748	816	321
35	464	470	542	604	697	342
45	285	294	375	440	536	292
55	160	161	214	284	374	208
65	102	99	115	140	199	126
75	54	52	59	57	62	61
85	18	15	20	16	17	21
90	5	6	8	7	7	
95	77	81	92	63	73	101
105	315	439	462	414	433	446
115	589	748	862	834	861	780
125	850	980	1168	1212	1236	980
135	1092	1187	1367	1454	1483	1021
145	1297	1364	1492	1584	1619	923
155	1458	1498	1584	1638	1660	725
165	1570	1588	1633	1664	1672	459
175	1630	1632	1641	1648	1648	159
180	1639	1639	1639	1639	1639	



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	83	83	83	83	73	73	73	56	56	56	19						
1	75	72	69	67	67	64	62	49	48	46	16						
2	69	63	59	55	61	56	53	43	41	39	14						
3	63	56	50	46	56	50	45	38	35	33	12						
4	58	49	43	39	51	44	39	34	31	28	11						
5	53	44	38	33	47	39	34	31	27	24	9						
6	49	39	33	29	43	35	30	28	24	21	8						
7	45	35	29	25	40	32	27	25	21	18	7						
8	42	32	26	22	37	29	24	23	19	16	7						
9	39	29	23	19	34	26	21	21	17	14	6						
10	36	27	21	17	32	24	19	19	15	13	6						

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	2274	3041	5315
65	1967	2218	3838
75	1701	1858	1953
85	1684	1871	1590

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

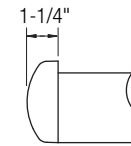
Additional Information

Modules

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

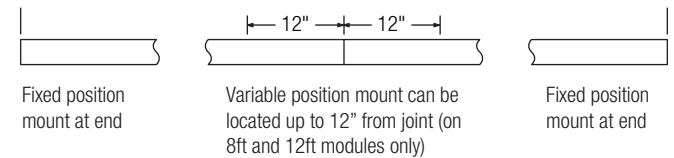
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



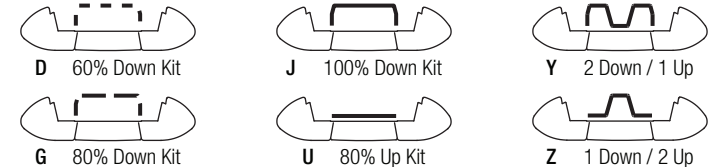
Mounting in Runs

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.