

Achieva®

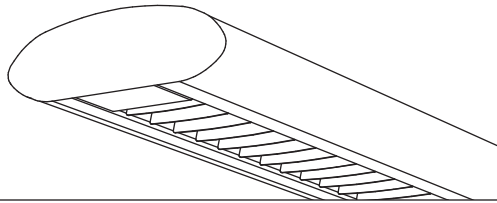


Project Name

Spec Type

Notes

Suspended
Direct/Indirect
3 T8





Order Guide

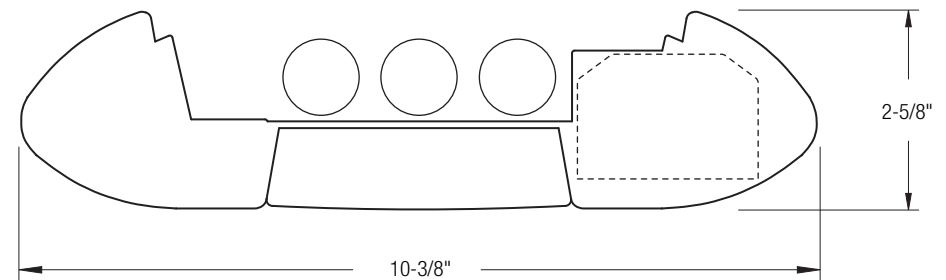
Some combinations of product options may not be available. Consult factory for assistance with your specification.

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	



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Photometry Optics WN White Louver

Report Summary

Report # 2101260
Filename 8816T03WN.ies
Efficiency 85.4%

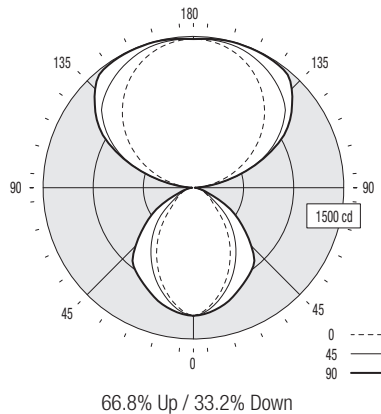
Peak Candela Value* 1497 @ 163°
Peak to Zenith Ratio* 1 : 1

* 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	1270	1270	1270	1270	1270	
5	1227	1228	1242	1250	1258	118
15	1062	1068	1108	1159	1197	313
25	850	866	937	1022	1100	436
35	617	632	739	877	1006	478
45	372	395	533	680	815	424
55	218	224	301	420	551	299
65	136	136	157	200	276	176
75	72	72	81	81	103	86
85	20	20	27	26	30	29
90	7	9	12	13	13	
95	71	97	93	64	90	106
105	289	421	450	414	446	435
115	542	700	820	823	856	749
125	785	911	1089	1136	1177	918
135	1002	1090	1262	1354	1386	944
145	1182	1243	1357	1448	1483	842
155	1323	1360	1426	1477	1495	654
165	1419	1436	1468	1490	1497	414
175	1468	1470	1478	1482	1483	143
180	1474	1474	1474	1474	1474	



Coefficients of Utilization (%)

Ceiling: Walk:	80				70				50				0
	70	50	30	10	70	50	30	10	50	30	10	0	
0 RCR	87	87	87	87	78	78	78	62	62	62	26		
1	80	77	73	71	72	69	66	55	53	51	23		
2	73	67	62	58	66	61	57	48	45	43	20		
3	67	59	53	49	60	54	49	43	39	37	17		
4	61	53	46	41	55	48	42	38	34	31	15		
5	56	47	40	36	50	43	37	34	30	27	13		
6	52	42	36	31	46	38	33	31	27	24	12		
7	48	38	32	27	43	35	29	28	24	21	10		
8	44	34	28	24	40	31	26	25	21	18	9		
9	41	31	25	21	37	29	23	23	19	17	9		
10	38	29	23	19	35	26	21	21	18	15	8		

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	3098	4278	7831
65	2623	3028	5324
75	2268	2551	3244
85	1871	2525	2806

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

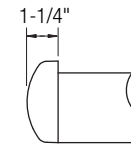
Additional Information

Modules

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

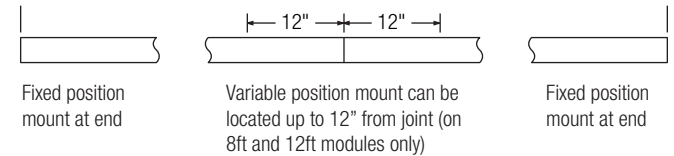
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



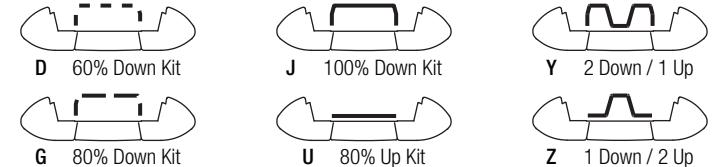
Mounting in Runs

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.