

Achieva®

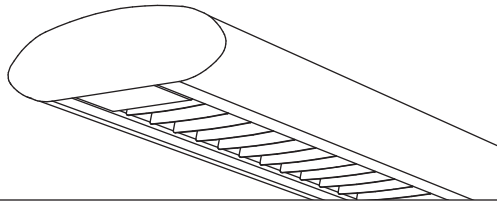


Project Name

Spec Type

Notes

Suspended
Direct/Indirect
3 T8





Order Guide

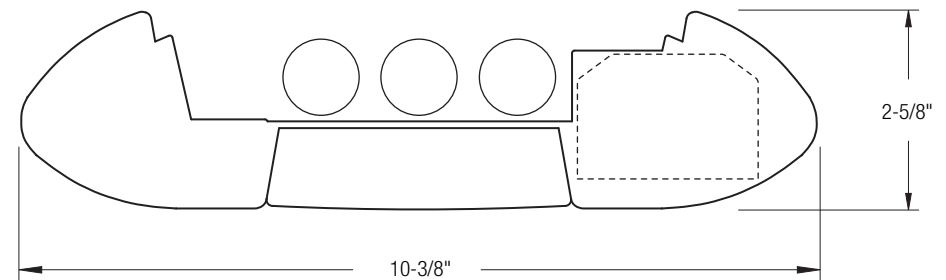
Some combinations of product options may not be available. Consult factory for assistance with your specification.

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	
		* 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	Mount Type		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 WY White Louver w/ 2 Down / 1 Up Kit

Report Summary

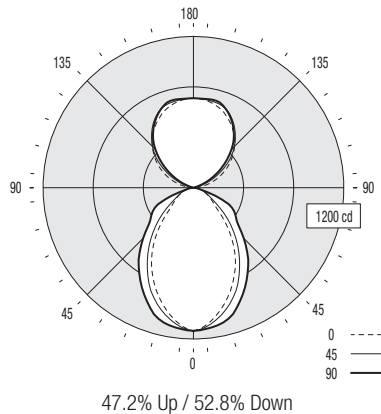
Report # 2101329
Filename 8816T03WY.ies
Efficiency 42.6%

Peak Candela Value* 715 @ 168°
Peak to Zenith Ratio* 1 : 1

* Between 90-180° vertical angle

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	1136	1136	1136	1136	1136	107
5	1099	1103	1111	1120	1125	282
15	954	965	1001	1048	1077	385
25	770	788	840	884	933	400
35	557	574	633	696	761	330
45	323	346	424	500	568	234
55	183	184	227	327	416	155
65	115	111	123	187	313	67
75	62	55	61	60	67	17
85	17	12	16	12	13	11
90	2	1	2	2	2	63
95	29	4	4	3	4	174
105	135	85	49	15	17	283
115	249	214	177	124	126	348
125	362	350	326	275	274	353
135	464	470	462	430	430	299
145	552	571	574	557	560	197
155	625	639	662	653	657	68
165	679	682	699	710	714	
175	706	706	708	710	709	
180	710	710	710	710	710	



Coefficients of Utilization (%)

Ceiling: Walk:	80				70				50				0									
	70	50	30	10	70	50	30	10	50	30	10	0	70	50	30	10	0					
0 RCR	46	46	46	46	42	42	42	36	36	36	22	42	40	39	37	39	37	36	32	31	30	19
1	38	35	33	31	35	33	31	28	27	25	17	35	31	29	26	33	29	27	25	23	22	14
2	35	31	29	26	33	29	27	25	23	22	14	32	28	25	22	30	26	23	23	20	19	13
3	30	25	22	19	28	24	21	20	18	16	11	28	23	19	17	26	21	18	18	16	14	10
4	28	23	19	17	26	21	18	18	16	14	10	26	21	17	15	24	19	16	17	15	13	9
5	26	21	17	15	24	19	16	17	15	13	9	24	19	16	13	22	18	15	15	13	12	8
6	24	19	16	13	22	18	15	15	13	12	8	22	17	14	12	21	16	13	14	12	10	7
7	22	17	14	12	21	16	13	14	12	10	7	21	16	13	11	19	15	12	13	11	9	7
8	21	16	13	11	19	15	12	13	11	9	7											

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	2601	3226	5912
65	2218	2372	6037
75	1953	1921	2110
85	1590	1496	1216

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

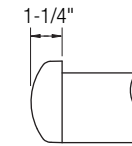
Additional Information

Modules

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

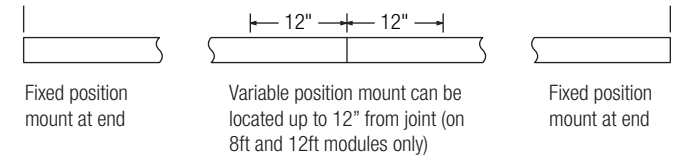
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



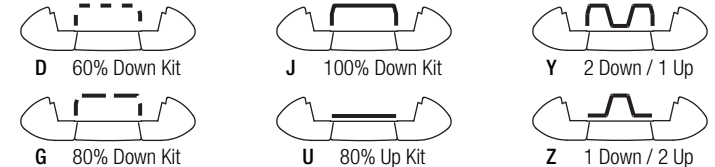
Mounting in Runs

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.