

Achieva®



Project Name

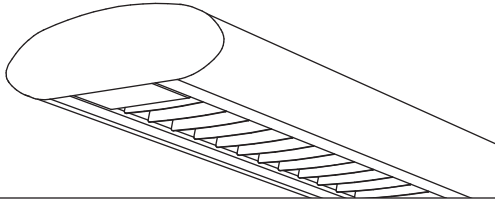
Spec Type

Notes

Suspended

Direct/Indirect

2 T8





Order Guide

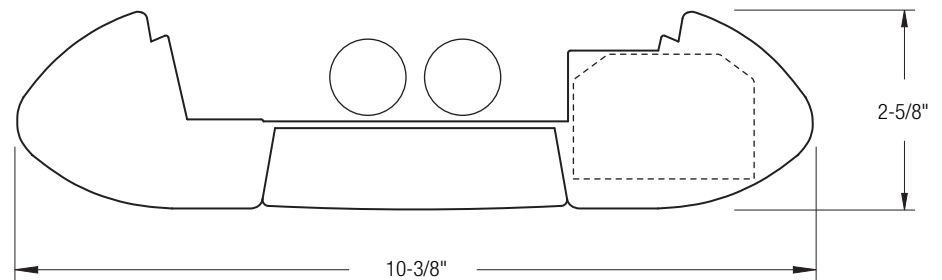
Some combinations of product options may not be available. Consult factory for assistance with your specification.

8816	T02			-		-		-	
Product Series & Type Achieva Direct/Indirect	Lamping 2 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	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	
		* 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	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 <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	





Photometry Optics WG White Louver w/ 80% Down Kit

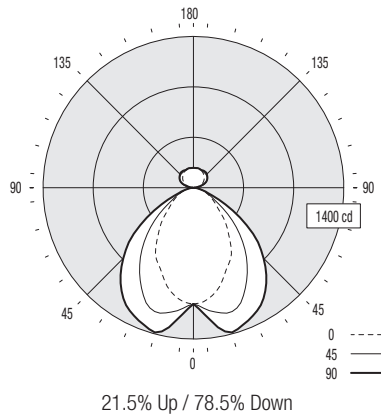
Report Summary

Report # 2101337 **Peak Candela Value*** 186 @ 168°
Filename 8816T02WG.ies **Peak to Zenith Ratio*** 1 : 1
Efficiency 56.3% * 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	1076	1076	1076	1076	1076	
5	1060	1083	1121	1163	1177	111
15	945	1037	1202	1332	1387	332
25	778	921	1102	1210	1308	491
35	592	729	872	1023	1167	546
45	396	450	609	769	923	478
55	243	241	338	482	604	333
65	152	146	170	207	261	183
75	77	72	84	78	85	85
85	20	16	21	15	18	23
90	2	2	3	3	3	
95	16	21	27	19	15	24
105	54	77	91	78	74	82
115	92	109	132	132	131	119
125	119	132	156	160	159	132
135	141	147	168	178	177	127
145	160	163	172	183	184	108
155	174	176	180	181	180	83
165	182	182	185	186	185	52
175	184	184	184	184	183	18
180	184	184	184	184	184	



Coefficients of Utilization (%)

Ceiling: Wall:	80				70				50				0	
	70	50	30	10	70	50	30	10	50	30	10	0	0	0
0 RCR	64	64	64	64	61	61	61	55	55	55	43			
1	59	57	55	53	56	54	52	49	48	47	38			
2	54	50	47	44	52	48	45	44	42	40	33			
3	50	45	41	38	47	43	39	39	37	34	28			
4	46	40	36	32	44	38	34	35	32	30	25			
5	42	36	31	28	40	35	30	32	29	26	22			
6	39	32	28	25	37	31	27	29	26	23	19			
7	36	30	25	22	35	29	24	27	23	20	17			
8	34	27	23	20	32	26	22	24	21	18	16			
9	32	25	21	18	30	24	20	22	19	17	14			
10	30	23	19	16	28	22	18	21	17	15	13			

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	3453	4804	8584
65	2932	3279	5034
75	2425	2646	2677
85	1871	1964	1684

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

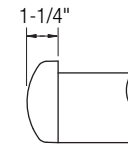
Additional Information

Modules

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

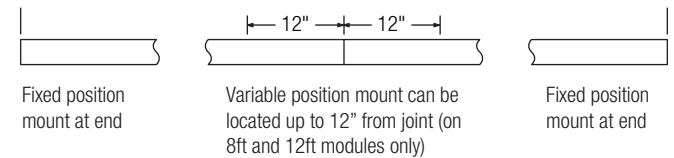
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



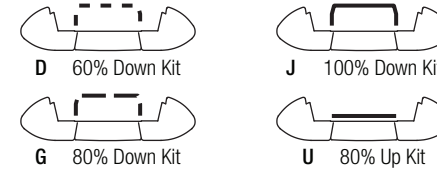
Mounting in Runs

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.