

Achieva®

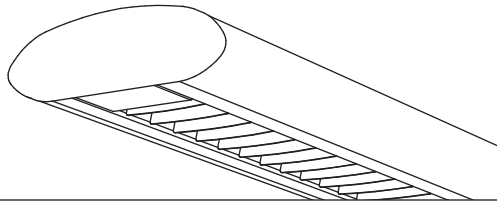


Project Name

Spec Type

Notes

Suspended
Direct/Indirect
2 T8





Order Guide

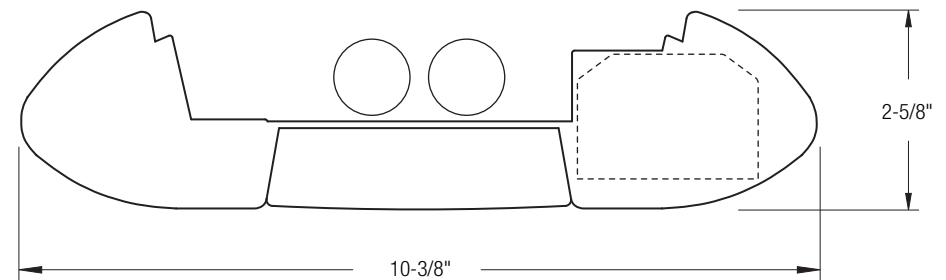
Some combinations of product options may not be available. Consult factory for assistance with your specification.

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	Mounting Hardware <input type="text"/> <input type="text"/> Mount Type <input type="text"/> Suspension Length <input type="text"/> <i>Enter distance from ceiling to top of fixture in inches</i> Consult separate mounting spec sheet for mount type 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					

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 WJ White Louver w/ 100% Down Kit

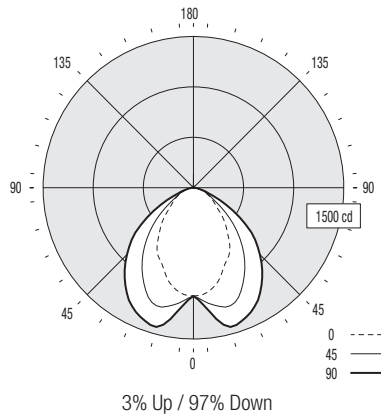
Report Summary

Report # 2101336 **Peak Candela Value*** N/A
Filename 8816T02WJ.ies **Peak to Zenith Ratio*** N/A : 1
Efficiency 44.9% * 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	1075	1075	1075	1075	1075	
5	1064	1086	1125	1165	1169	111
15	959	1048	1226	1362	1430	338
25	790	934	1126	1247	1359	504
35	612	742	891	1036	1183	556
45	411	468	617	771	937	487
55	250	249	334	476	636	337
65	151	148	168	208	292	187
75	76	72	82	78	91	85
85	18	14	20	15	19	20
90	1	1	2	2	2	
95	2	2	3	4	4	4
105	3	3	4	4	5	4
115	4	4	5	5	6	4
125	4	6	7	7	7	4
135	4	7	9	9	9	4
145	4	8	10	11	12	4
155	5	7	11	13	13	4
165	5	6	8	13	13	3
175	5	6	6	6	6	0
180	5	5	5	5	5	



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	53	53	53	53	52	52	52	49	49	49	44						
1	49	48	46	44	48	46	45	44	43	42	39						
2	45	42	40	37	44	41	39	40	38	36	33						
3	42	38	35	32	41	37	34	36	33	31	29						
4	39	34	30	28	38	33	30	32	29	27	25						
5	36	31	27	24	35	30	27	29	26	24	22						
6	33	28	24	21	32	27	24	26	23	21	20						
7	31	25	22	19	30	25	21	24	21	19	18						
8	29	23	20	17	28	23	19	22	19	17	16						
9	27	21	18	16	26	21	18	20	17	15	14						
10	25	20	16	14	25	19	16	19	16	14	13						

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	3553	4747	9039
65	2913	3240	5632
75	2394	2583	2866
85	1684	1871	1777

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

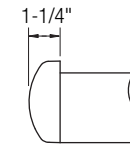
Additional Information

Modules

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

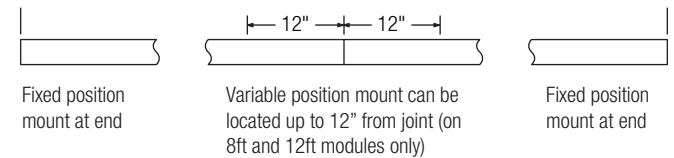
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



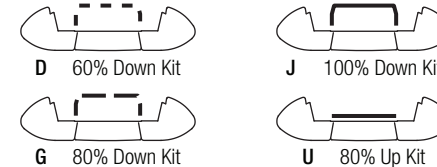
Mounting in Runs

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.