

Achieva®

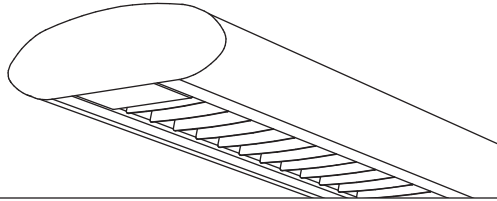


Project Name

Spec Type

Notes

Suspended
Direct/Indirect
2 T8





Order Guide

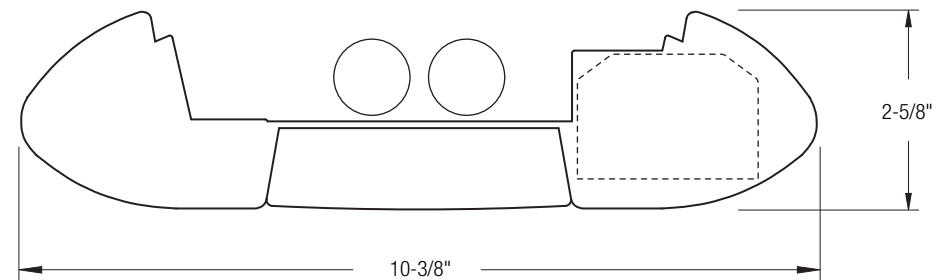
Some combinations of product options may not be available. Consult factory for assistance with your specification.

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 RU Specular VDT Louver w/ 80% Up Kit

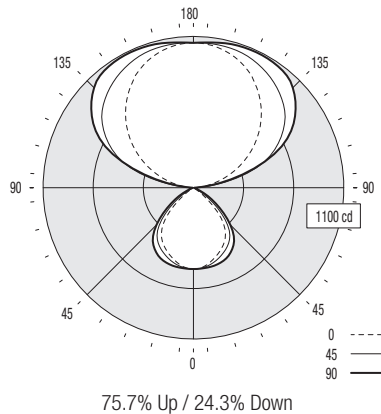
Report Summary

Report # 2101298 **Peak Candela Value*** 1087 @ 153°
Filename 8816T02RU.ies **Peak to Zenith Ratio*** 1 : 1
Efficiency 85.1% * Between 90-180° vertical angle

Meets RP-1-04 recommendations for VDT-Intensive spaces

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	591	591	591	591	591	
5	586	585	588	590	591	57
15	543	546	564	580	587	160
25	487	494	521	550	567	242
35	409	422	460	480	511	283
45	247	265	328	342	382	237
55	49	59	135	162	199	110
65	4	7	13	37	56	25
75	4	6	6	7	7	8
85	5	5	6	6	6	8
90	3	6	6	6	6	6
95	46	82	84	55	56	89
105	197	346	407	363	373	367
115	373	518	656	688	713	591
125	544	652	814	876	908	685
135	700	776	914	999	1028	685
145	833	883	980	1051	1078	607
155	941	966	1027	1070	1087	471
165	1012	1022	1051	1073	1081	296
175	1049	1050	1056	1059	1060	103
180	1054	1054	1054	1054	1054	



Coefficients of Utilization (%)

Ceiling: Walk:	80				70				50				0
	70	50	30	10	70	50	30	10	50	30	10	0	
0 RCR	85	85	85	85	75	75	75	57	57	57	19		
1	78	75	72	69	69	66	64	51	49	48	17		
2	71	66	61	57	63	59	55	45	43	40	15		
3	65	58	53	48	58	52	47	40	37	34	13		
4	60	52	46	41	53	46	41	36	32	30	12		
5	55	46	40	35	49	41	36	32	28	26	10		
6	51	41	35	30	45	37	32	29	25	22	9		
7	47	37	31	27	41	33	28	26	22	20	8		
8	43	34	27	23	38	30	25	24	20	17	7		
9	40	31	25	21	36	28	22	22	18	15	7		
10	37	28	22	18	33	25	20	20	16	14	6		

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	410	1131	1667
65	45	148	637
75	74	111	130
85	276	331	331

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

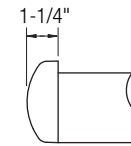
Additional Information

Modules

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

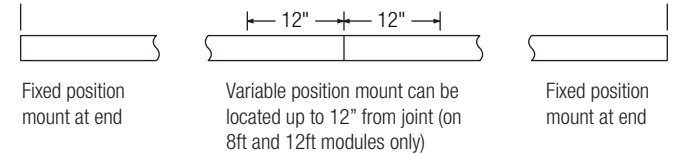
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



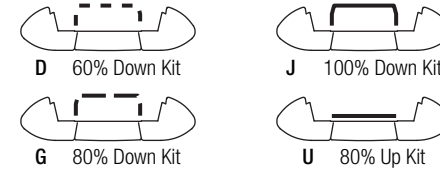
Mounting in Runs

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.