

Achieva®

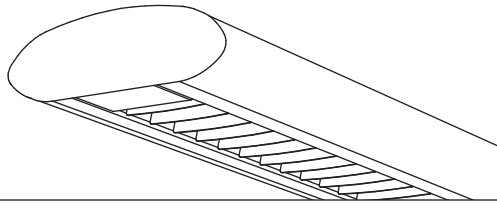


Project Name

Spec Type

Notes

Suspended
Direct/Indirect
2 T8





Order Guide

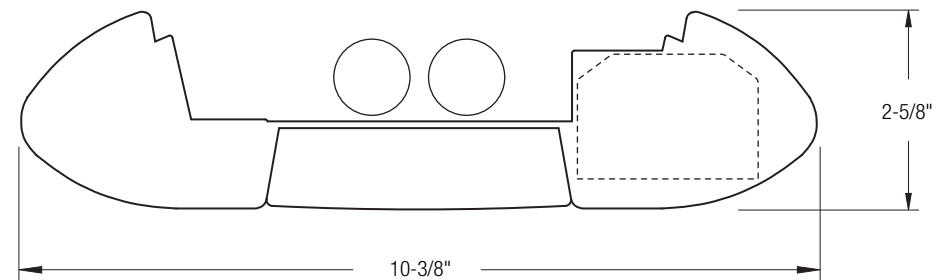
Some combinations of product options may not be available. Consult factory for assistance with your specification.

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 SD Specular Louver w/ 60% Down Kit

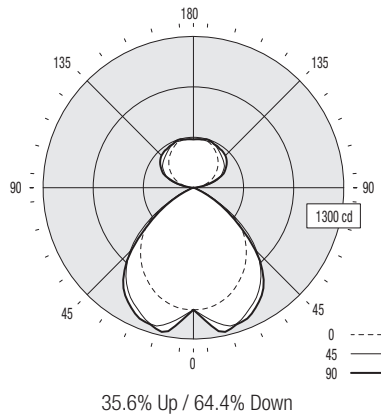
Report Summary

Report # 9900168 **Peak Candela Value*** 432 @ 163°
Filename 8816T02SD.ies **Peak to Zenith Ratio*** 1 : 1
Efficiency 72.1% * 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	1049	1049	1049	1049	1049	110
5	1046	1076	1112	1135	1143	333
15	1000	1115	1231	1270	1254	517
25	908	1098	1147	1197	1194	616
35	785	989	1008	1046	1055	583
45	632	800	777	788	754	380
55	418	503	435	389	362	117
65	103	127	122	100	82	8
75	6	5	3	3	1	0
85	1	0	0	0	0	0
90	0	0	0	0	0	42
95	21	39	38	34	22	163
105	101	148	181	168	151	248
115	179	217	269	288	289	278
125	243	270	327	347	351	273
135	301	324	356	386	391	240
145	350	365	385	401	404	188
155	392	393	416	419	415	120
165	420	419	418	428	431	41
175	420	420	420	419	418	14
180	415	415	415	415	415	



Coefficients of Utilization (%)

Ceiling: Wall:	80				70				50				0				
	70	50	30	10	70	50	30	10	50	30	10	0	70	50	30	10	0
0 RCR	79	79	79	79	74	74	74	65	65	65	45	79	74	74	65	65	45
1	73	71	68	66	69	66	64	59	57	56	40	66	63	63	52	50	48
2	68	63	59	56	63	59	56	52	50	48	35	56	51	47	44	41	31
3	62	56	51	47	58	53	49	47	44	41	31	47	43	42	39	36	27
4	57	50	45	41	54	47	43	42	39	36	27	41	38	38	34	31	24
5	53	45	39	35	49	42	38	38	34	31	24	35	31	27	24	21	19
6	49	40	35	31	46	38	33	34	30	27	21	32	27	24	22	17	15
7	45	37	31	27	42	35	30	31	27	24	19	28	24	22	22	17	15
8	42	33	28	24	39	32	27	29	24	22	17	25	22	22	22	17	15
9	39	30	25	22	37	29	24	26	22	19	15	23	20	20	20	17	14
10	37	28	23	19	34	27	22	24	20	17	14	21	19	19	19	17	14

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	3501	3643	3032
65	1171	1387	932
75	111	56	19
85	55	0	0

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

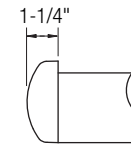
Additional Information

Modules

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

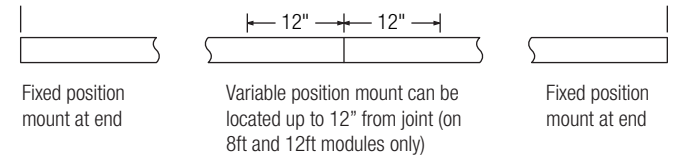
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



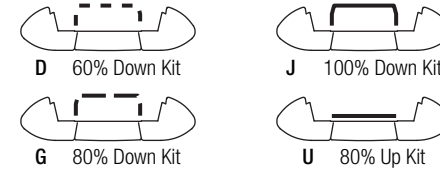
Mounting in Runs

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.