

Achieva®



Project Name

Spec Type

Notes

Suspended
Direct/Indirect
2 T8





Order Guide

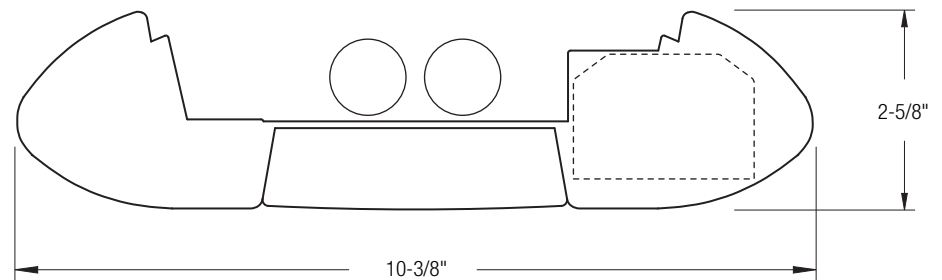
Some combinations of product options may not be available. Consult factory for assistance with your specification.

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	<h3>Mounting Hardware</h3> <div style="display: flex; justify-content: space-between;"> <input type="text"/> <input type="text"/> </div> <table border="1"> <tr> <td>Mount Type Consult separate mounting spec sheet for mount type options</td> <td>Suspension Length <i>Enter distance from ceiling to top of fixture in inches</i></td> </tr> </table>		Mount Type Consult separate mounting spec sheet for mount type options	Suspension Length <i>Enter distance from ceiling to top of fixture in inches</i>
Mount Type Consult separate mounting spec sheet for mount type options	Suspension Length <i>Enter distance from ceiling to top of fixture in inches</i>											
		* 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	



Suspended
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Photometry Optics PN Semi-Specular Louver

Report Summary

Report # 9900362
Filename 8816T02PN.ies
Efficiency 90.4%

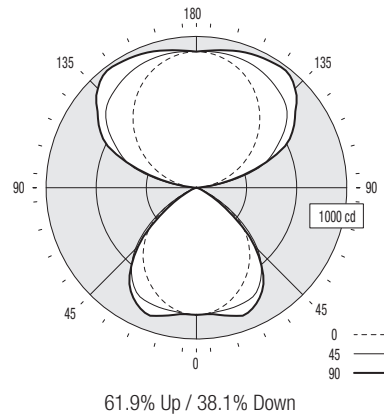
Peak Candela Value* 976 @ 143°
Peak to Zenith Ratio* 1.1 : 1

* 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	840	840	840	840	840	
5	835	836	837	838	839	81
15	792	800	830	863	877	235
25	714	742	820	873	882	372
35	612	672	744	772	777	448
45	481	566	578	558	548	423
55	300	364	319	261	235	270
65	83	106	83	59	52	85
75	7	7	5	4	2	8
85	2	1	0	0	0	0
90	0	0	0	0	0	0
95	35	63	53	28	29	66
105	166	295	358	319	322	320
115	316	458	571	630	651	524
125	462	576	727	772	800	606
135	595	679	822	906	927	609
145	708	765	864	945	976	535
155	798	832	894	943	961	410
165	861	877	905	929	938	256
175	895	898	904	908	909	88
180	900	900	900	900	900	



Coefficients of Utilization (%)

Ceiling: Wall:	80				70				50				0
	70	50	30	10	70	50	30	10	50	30	10	0	
0 RCR	93	93	93	93	85	85	85	68	68	68	68	32	
1	86	83	79	77	78	75	72	61	59	57	57	29	
2	79	73	68	64	71	66	62	54	51	48	48	25	
3	72	64	58	54	65	59	54	48	44	41	41	22	
4	66	57	51	46	60	52	47	43	39	36	36	19	
5	61	51	44	39	55	47	41	38	34	31	31	17	
6	56	46	39	34	51	42	36	35	30	27	27	15	
7	52	41	35	30	47	38	32	31	27	24	24	13	
8	48	37	31	26	43	34	29	29	24	21	21	12	
9	45	34	28	23	40	31	26	26	22	19	19	11	
10	42	31	25	21	38	29	23	24	20	17	17	10	

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	4264	4534	3340
65	1601	1601	1003
75	220	157	63
85	187	0	0

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

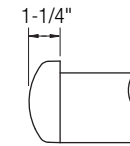
Additional Information

Modules

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

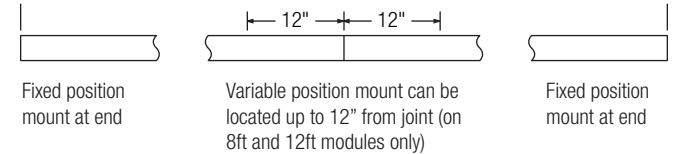
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



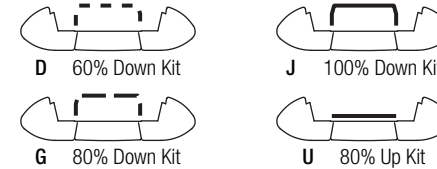
Mounting in Runs

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.