

Achieva®

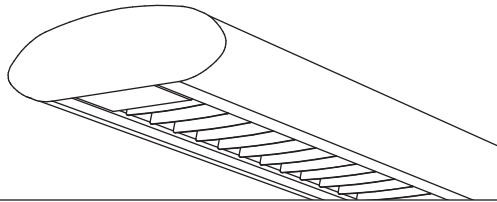


Project Name

Spec Type

Notes

Suspended
Direct/Indirect
3 T8





Order Guide

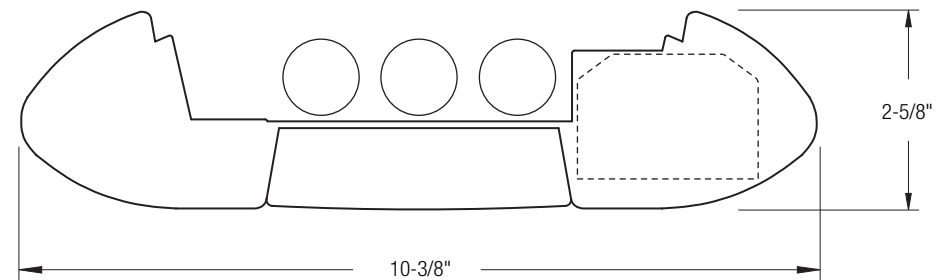
Some combinations of product options may not be available. Consult factory for assistance with your specification.

8816	T03			-		-		-		
Product Series & Type Achieva Direct/Indirect	Lamping 3 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 Y 2 Down / 1 Up Z 1 Down / 2 Up	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"/>	
		* 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	Consult separate mounting spec sheet for mount type options	Suspension Length <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	



Suspended
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Photometry Optics RD Specular VDT Louver w/ 60% Down Kit

Report Summary

Report # 2101303
Filename 8816T03RD.ies
Efficiency 60.6%

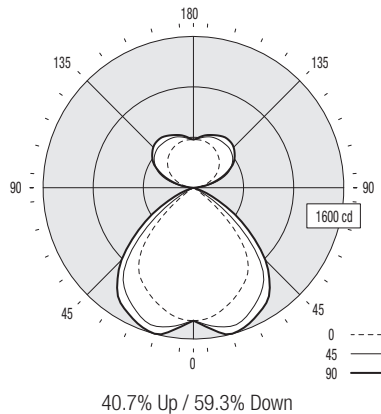
Peak Candela Value* 630 @ 145°
Peak to Zenith Ratio* 1.2 : 1

* 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	1407	1407	1407	1407	1407	
5	1397	1422	1451	1472	1473	141
15	1309	1411	1519	1577	1599	420
25	1186	1354	1440	1492	1528	650
35	1017	1183	1284	1341	1401	778
45	599	727	923	970	1083	656
55	89	138	368	510	625	314
65	6	7	23	128	220	77
75	3	4	5	6	6	7
85	3	4	5	6	6	4
90	3	5	6	6	6	
95	41	53	62	52	39	64
105	130	229	261	239	222	238
115	231	344	421	416	404	369
125	321	414	510	535	533	421
135	390	465	558	604	605	410
145	442	506	572	624	630	351
155	481	528	574	605	610	260
165	504	528	557	578	577	156
175	509	513	520	530	528	51
180	509	509	509	509	509	



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	66	66	66	66	61	61	61	52	52	52	34	55	55	53	47	46	31
1	61	59	57	55	57	55	53	47	46	45	31	56	52	49	46	43	27
2	56	52	49	46	52	49	46	43	41	39	27	52	47	43	40	34	24
3	52	47	43	40	48	44	40	38	36	34	24	48	42	38	34	35	21
4	48	42	38	34	45	39	36	35	32	29	21	44	38	33	30	31	19
5	44	38	33	30	41	35	31	31	28	26	19	41	34	29	26	25	17
6	41	34	29	26	38	32	28	28	25	23	17	38	31	26	23	23	15
7	38	31	26	23	35	29	25	26	23	20	15	35	28	24	21	20	14
8	35	28	24	21	33	27	23	24	20	18	14	33	26	21	18	16	12
9	33	26	21	18	31	24	20	22	19	16	12	31	24	19	17	15	11
10	31	24	19	17	29	22	19	20	17	15	11	29	22	19	17	15	11

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	745	3082	5234
65	68	261	2501
75	56	93	111
85	165	276	331

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

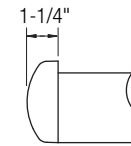
Additional Information

Modules

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

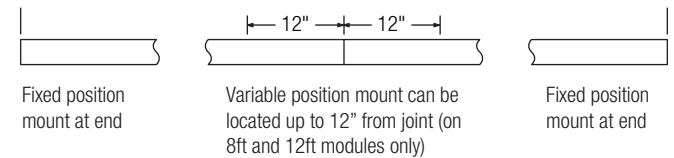
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



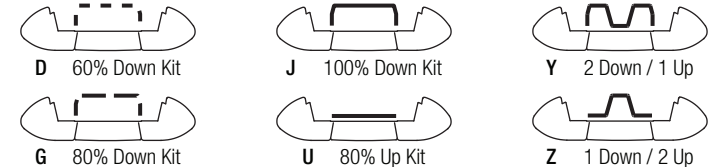
Mounting in Runs

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.