

Achieva®

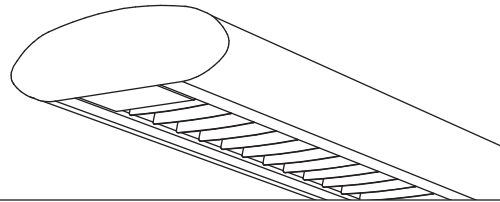


Project Name

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.

Lamps Included

Lamps Included and Installed

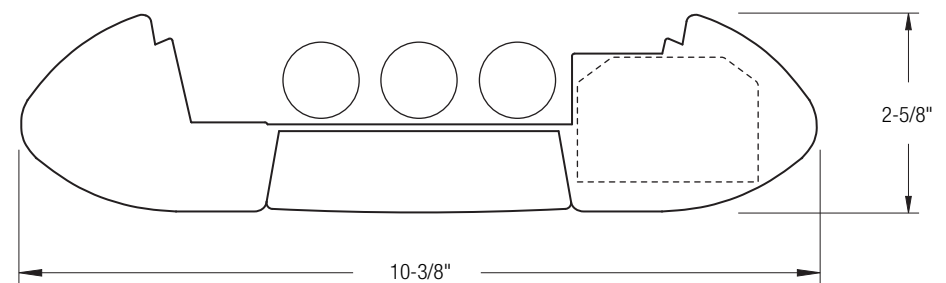
Lamp Guard
Not available with upper optics option U



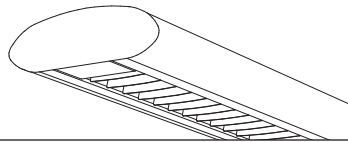
Dust Cover



Response Daylight (Integrated Controls)
For details visit www.ledalite.com/response



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Photometry Optics SY Specular Louver w/ 2 Down / 1 Up Kit

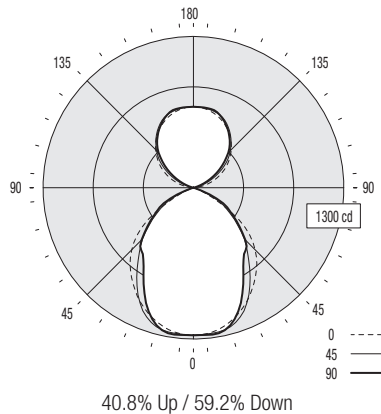
Report Summary

Report # 9900165 **Peak Candela Value*** 696 @ 173°
Filename 8816T03SY.ies **Peak to Zenith Ratio*** 1 : 1
Efficiency 49.1% * 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	1269	1269	1269	1269	1269	
5	1261	1261	1263	1268	1270	122
15	1198	1213	1237	1237	1226	345
25	1085	1118	1093	1038	1002	492
35	935	947	848	774	755	535
45	754	721	621	634	634	509
55	482	431	389	416	418	375
65	123	112	167	218	221	168
75	7	5	8	3	2	13
85	2	0	0	0	0	0
90	0	0	0	0	0	0
95	23	4	4	3	3	9
105	132	90	51	22	18	67
115	251	227	180	139	130	182
125	362	354	323	284	276	286
135	462	470	452	433	427	345
145	548	562	557	545	540	345
155	616	627	641	633	630	291
165	666	669	680	688	690	192
175	692	692	693	695	695	68
180	696	696	696	696	696	



Coefficients of Utilization (%)

Ceiling: Wall:	80				70				50				0
	70	50	30	10	70	50	30	10	50	30	10	0	
0 RCR	53	53	53	53	50	50	50	43	43	43	29		
1	49	47	46	44	46	44	43	39	38	37	25		
2	45	42	39	37	42	39	37	35	33	31	22		
3	42	37	34	31	39	35	32	31	29	27	19		
4	38	33	30	27	36	31	28	28	25	23	17		
5	35	30	26	23	33	28	25	25	22	20	15		
6	33	27	23	20	30	25	22	23	20	18	13		
7	30	24	21	18	28	23	20	21	18	16	12		
8	28	22	19	16	26	21	18	19	16	14	11		
9	26	20	17	14	24	19	16	17	15	13	10		
10	24	19	15	13	23	18	15	16	13	11	9		

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	4037	3258	3501
65	1398	1898	2512
75	130	148	37
85	110	0	0

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

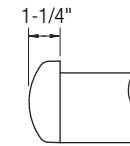
Additional Information

Modules

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

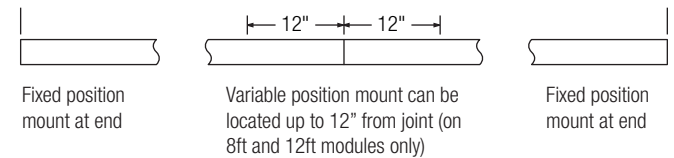
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



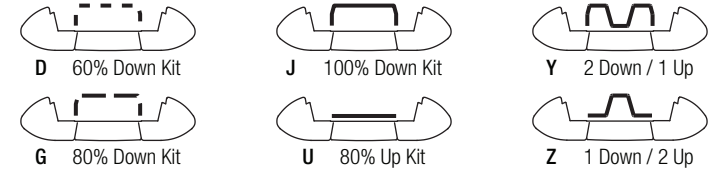
Mounting in Runs

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.