

Achieva®

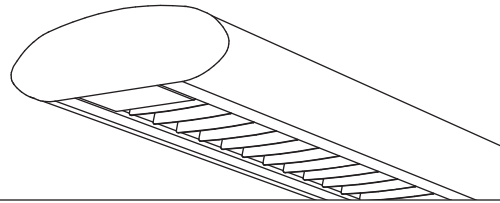


Project Name

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

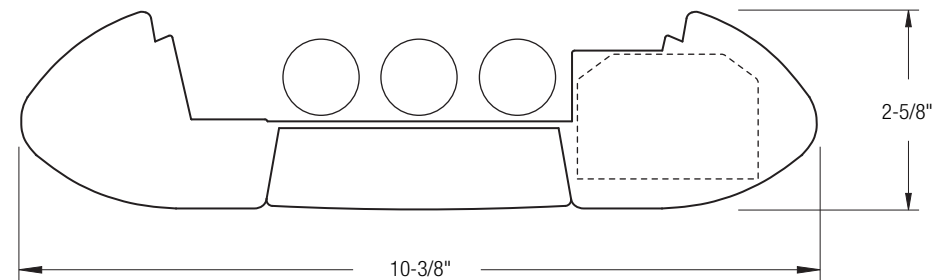
Lamp Guard
Not available with upper optics option U



Dust Cover



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



Suspended
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Photometry Optics SU Specular Louver w/ 80% Up Kit

Report Summary

Report # 9900150
Filename 8816T03SU.ies
Efficiency 89.3%

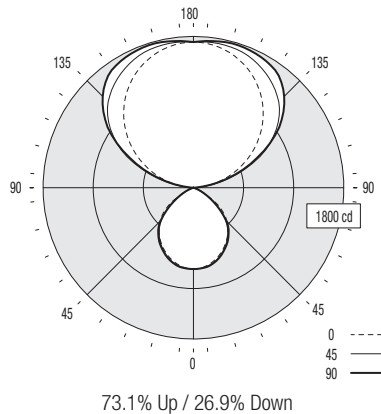
Peak Candela Value* 1779 @ 165°
Peak to Zenith Ratio* 1 : 1

* 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	969	969	969	969	969	
5	961	962	963	966	965	93
15	909	915	924	933	930	260
25	821	832	836	848	843	385
35	708	714	712	726	728	449
45	566	565	542	560	555	426
55	360	340	308	304	292	285
65	87	86	95	103	99	98
75	6	4	2	0	1	7
85	2	0	0	0	0	0
90	0	0	0	0	0	0
95	78	92	77	63	59	102
105	360	478	456	433	420	463
115	648	815	880	860	840	814
125	930	1072	1211	1254	1254	1032
135	1180	1291	1445	1525	1536	1082
145	1390	1472	1586	1680	1707	984
155	1553	1605	1684	1742	1762	772
165	1666	1693	1733	1768	1779	490
175	1726	1731	1741	1749	1753	170
180	1734	1734	1734	1734	1734	



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	90	90	90	90	80	80	80	62	62	62	22						
1	83	79	76	73	74	71	68	55	53	52	20						
2	76	70	65	60	67	62	58	49	46	43	17						
3	69	61	55	51	61	55	50	43	40	37	15						
4	63	54	48	43	56	49	43	38	35	32	13						
5	58	48	42	37	52	44	38	34	30	27	12						
6	53	43	37	32	47	39	33	31	27	24	10						
7	49	39	32	28	44	35	29	28	24	21	9						
8	46	35	29	24	41	32	26	25	21	18	8						
9	42	32	26	22	38	29	24	23	19	16	7						
10	39	29	23	19	35	26	21	21	17	15	7						

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	3015	2579	2445
65	989	1080	1125
75	111	37	19
85	110	0	0

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

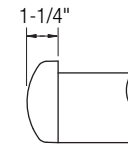
Additional Information

Modules

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

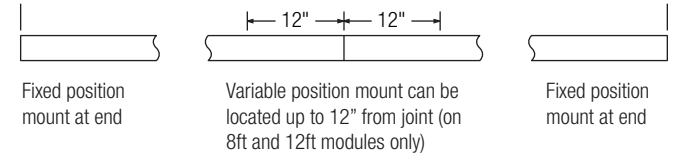
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



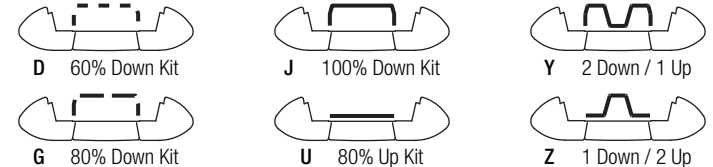
Mounting in Runs

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.