

Achieva®



Project Name

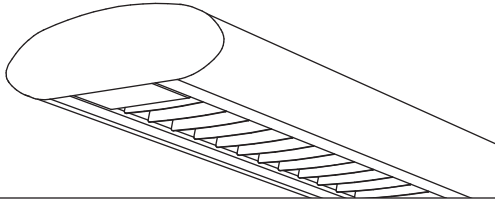
Spec Type

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	<h3>Mounting Hardware</h3> <div style="display: flex; justify-content: space-around;"> <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.

Lamps Included

Lamps Included and Installed

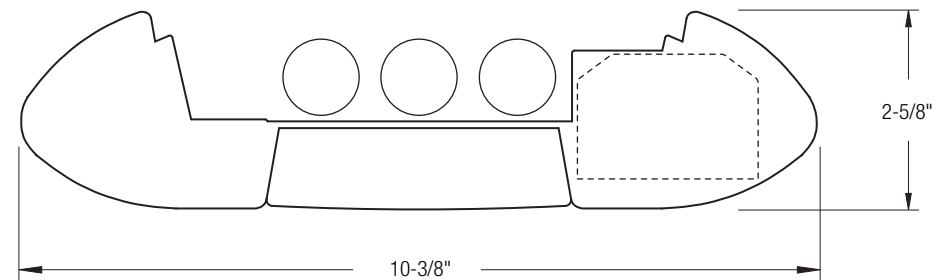
Lamp Guard
Not available with upper optics option U



Dust Cover



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



Suspended
Direct/Indirect
3 T8



Photometry Optics MG Semi-Specular VDT Louver w/ 80% Down Kit

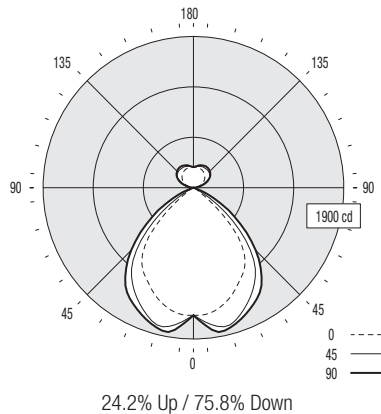
Report Summary

Report # 9900392 **Peak Candela Value*** 310 @ 148°
Filename 8816T03MG.ies **Peak to Zenith Ratio*** 1.2 : 1
Efficiency 51% * 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	1604	1604	1604	1604	1604	
5	1601	1640	1693	1722	1734	165
15	1507	1652	1784	1827	1816	487
25	1332	1548	1607	1678	1685	730
35	1138	1298	1364	1463	1499	844
45	672	813	937	1046	1114	700
55	107	160	368	558	630	337
65	20	21	33	162	215	90
75	5	5	5	5	5	8
85	1	1	0	1	0	1
90	0	0	0	0	0	0
95	19	28	29	27	16	33
105	71	121	127	116	101	119
115	126	179	208	200	191	183
125	168	213	251	261	258	210
135	204	238	276	292	292	204
145	229	256	285	306	309	175
155	249	264	287	301	306	132
165	258	268	277	289	292	79
175	260	262	265	266	267	26
180	259	259	259	259	259	



Coefficients of Utilization (%)

Ceiling: Wall:	80				70				50				0
	70	50	30	10	70	50	30	10	50	30	10	0	
0 RCR	57	57	57	57	54	54	54	49	49	49	38		
1	53	52	50	49	51	49	48	45	44	43	34		
2	50	46	44	41	47	44	42	41	39	37	30		
3	46	42	38	36	44	40	37	37	34	32	27		
4	42	38	34	31	40	36	33	33	31	28	24		
5	39	34	30	27	37	33	29	30	27	25	21		
6	37	31	27	24	35	30	26	27	25	22	19		
7	34	28	24	22	32	27	24	25	22	20	17		
8	32	26	22	19	30	25	21	23	20	18	15		
9	30	24	20	17	28	23	19	21	18	16	14		
10	28	22	18	16	26	21	18	20	17	15	13		

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	1521	5230	8953
65	386	637	4147
75	157	157	157
85	94	0	0

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

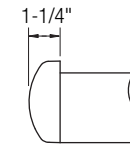
Additional Information

Modules

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

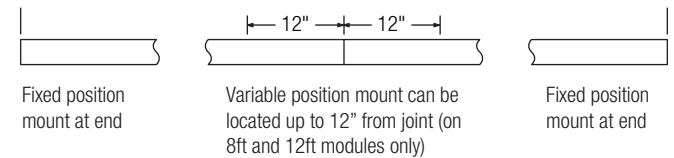
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



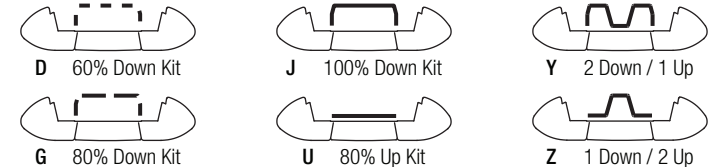
Mounting in Runs

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.