

Achieva®



Project Name

Spec Type

Notes

Suspended
 Direct/Indirect
 3 T8





Order Guide

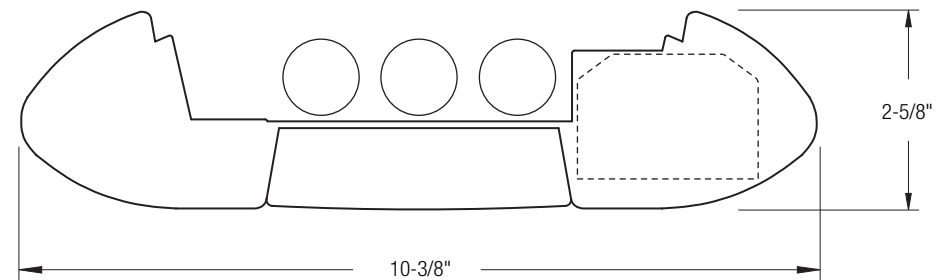
Some combinations of product options may not be available. Consult factory for assistance with your specification.

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-between;"> <div style="width: 45%;"> <p>Mount Type</p> <p>Consult separate mounting spec sheet for mount type options</p> </div> <div style="width: 45%;"> <p>Suspension Length</p> <p><i>Enter distance from ceiling to top of fixture in inches</i></p> </div> </div>	
		* 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	



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Photometry Optics WZ White Louver w/ 1 Down / 2 Up Kit

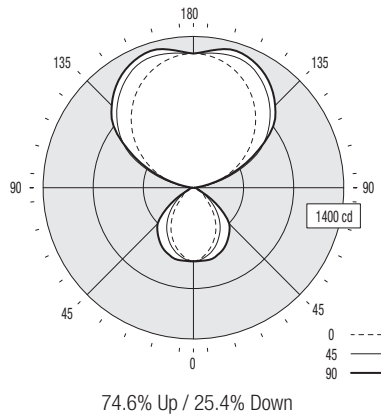
Report Summary

Report # 2101330 **Peak Candela Value*** 1328 @ 163°
Filename 8816T03WZ.ies **Peak to Zenith Ratio*** 1.1 : 1
Efficiency 60.2% * Between 90-180° vertical angle

Meets RP-1-04 recommendations for VDT-Intensive spaces

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	682	682	682	682	682	65
5	664	662	672	677	681	175
15	586	585	623	657	681	250
25	481	487	539	593	639	273
35	349	362	433	501	566	238
45	201	218	303	386	472	155
55	118	121	165	214	255	79
65	74	76	85	75	53	41
75	40	39	45	38	32	14
85	13	11	15	12	12	48
90	3	5	5	4	5	263
95	56	42	27	19	22	523
105	231	297	269	204	217	704
115	433	526	586	524	540	755
125	632	725	832	858	867	703
135	816	914	1010	1050	1076	564
145	974	1066	1150	1188	1214	358
155	1100	1162	1248	1278	1300	122
165	1188	1217	1271	1310	1325	
175	1235	1240	1250	1262	1265	
180	1242	1242	1242	1242	1242	



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	60	60	60	60	54	54	54	41	41	41	14						
1	55	53	51	49	49	47	45	36	35	34	12						
2	50	46	43	40	45	41	39	32	30	28	11						
3	46	41	37	34	41	37	33	28	26	24	9						
4	42	36	32	28	37	32	29	25	23	21	8						
5	39	32	28	24	34	29	25	23	20	18	7						
6	36	29	24	21	32	26	22	20	18	15	6						
7	33	26	21	18	29	23	19	18	16	14	6						
8	30	23	19	16	27	21	17	17	14	12	5						
9	28	21	17	14	25	19	16	15	13	11	5						
10	26	19	15	13	23	18	14	14	11	10	4						

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	1677	2345	3624
65	1427	1639	1022
75	1260	1417	1008
85	1216	1403	1122

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

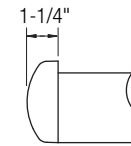
Additional Information

Modules

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

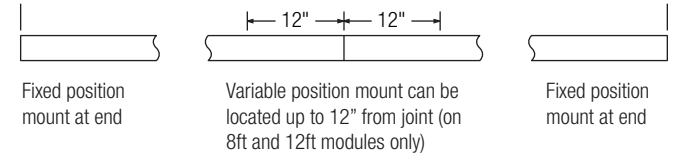
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



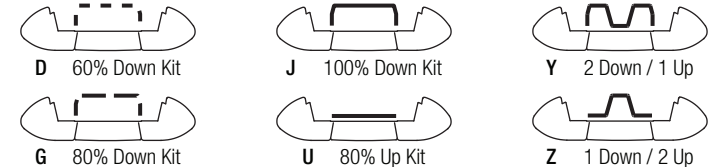
Mounting in Runs

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.