

Achieva®



Project Name

Spec Type

Notes

Suspended
Direct/Indirect
3 T8





Order Guide

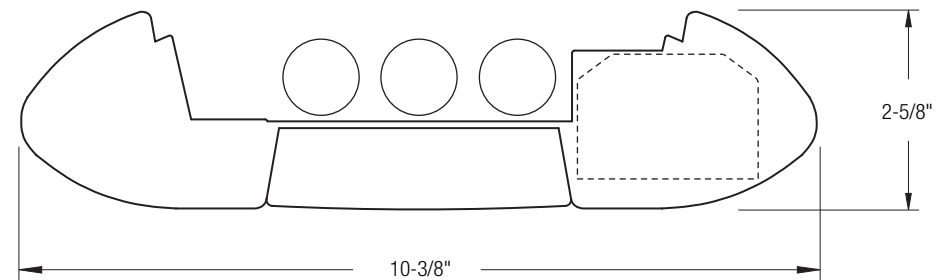
Some combinations of product options may not be available. Consult factory for assistance with your specification.

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"/> Mount Type <input type="text"/> Suspension Length <input type="text"/> <i>Enter distance from ceiling to top of fixture in inches</i> Consult separate mounting spec sheet for mount type options	
		* 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 PU Semi-Specular Louver w/ 80% Up Kit

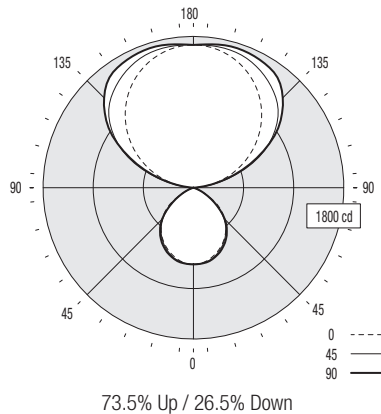
Report Summary

Report # 9900209 **Peak Candela Value*** 1741 @ 163°
Filename 8816T03PU.ies **Peak to Zenith Ratio*** 1 : 1
Efficiency 87.1% * 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	913	913	913	913	913	
5	906	907	908	910	910	88
15	856	864	872	880	880	246
25	775	786	788	800	806	364
35	667	674	673	680	694	421
45	529	530	514	517	532	400
55	348	337	310	294	303	282
65	105	107	108	105	113	110
75	11	9	6	3	3	12
85	2	1	0	0	0	1
90	0	0	0	0	0	
95	75	87	73	57	50	97
105	349	465	446	420	410	452
115	634	796	868	848	837	801
125	907	1048	1193	1236	1240	1014
135	1153	1261	1420	1500	1512	1062
145	1361	1439	1554	1649	1678	964
155	1521	1570	1649	1707	1726	757
165	1633	1654	1697	1730	1740	479
175	1692	1695	1703	1709	1712	166
180	1699	1699	1699	1699	1699	



Coefficients of Utilization (%)

Ceiling: Walk:	80				70				50				0
	70	50	30	10	70	50	30	10	50	30	10	0	
0 RCR	88	88	88	88	78	78	78	60	60	60	21		
1	80	77	74	71	72	69	66	53	52	50	19		
2	74	68	63	59	65	61	56	47	44	42	17		
3	67	60	54	49	60	53	49	42	38	36	14		
4	62	53	47	42	55	47	42	37	33	30	13		
5	56	47	40	36	50	42	37	33	29	26	11		
6	52	42	36	31	46	38	32	30	26	23	10		
7	48	38	31	27	43	34	29	27	23	20	9		
8	44	34	28	24	39	31	25	24	20	18	8		
9	41	31	25	21	37	28	23	22	18	16	7		
10	38	28	22	18	34	26	20	20	17	14	6		

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	4946	4406	4306
65	2025	2083	2180
75	346	189	94
85	187	0	0

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

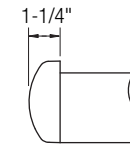
Additional Information

Modules

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

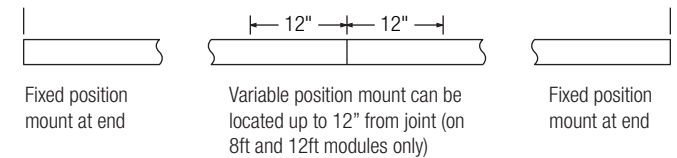
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



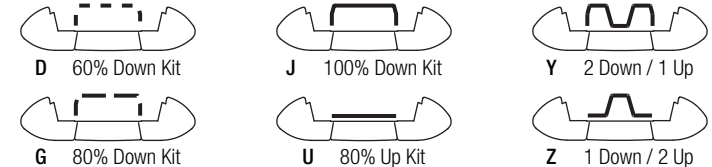
Mounting in Runs

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.