

Achieva®



Project Name

Spec Type

Notes

Suspended
Direct/Indirect
3 T8





Order Guide

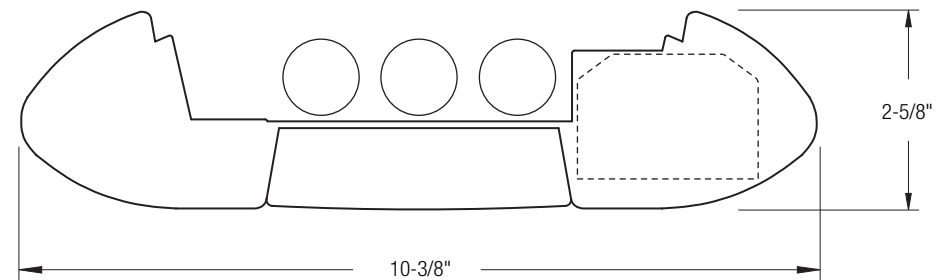
Some combinations of product options may not be available. Consult factory for assistance with your specification.

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.

<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 RU Specular VDT Louver w/ 80% Up Kit

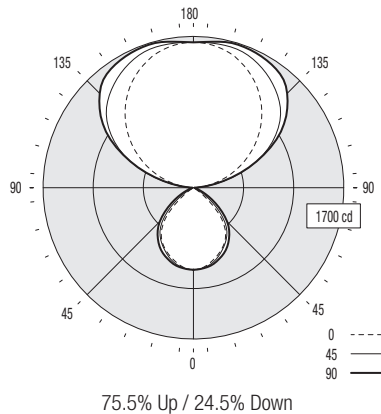
Report Summary

Report # 2101305 **Peak Candela Value*** 1684 @ 163°
Filename 8816T03RU.ies **Peak to Zenith Ratio*** 1 : 1
Efficiency 82.5% * 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	922	922	922	922	922	
5	912	912	915	915	917	88
15	845	847	866	875	886	243
25	758	757	771	790	814	357
35	635	635	658	659	701	408
45	389	387	465	471	538	340
55	79	86	203	241	305	166
65	7	11	22	74	114	45
75	6	10	11	13	14	13
85	7	10	12	15	16	12
90	5	8	10	10	12	
95	77	82	93	54	86	104
105	316	455	464	415	450	452
115	587	762	866	830	878	786
125	850	996	1171	1207	1250	986
135	1090	1202	1372	1460	1498	1026
145	1295	1379	1501	1590	1628	927
155	1456	1507	1594	1648	1672	728
165	1570	1588	1638	1673	1684	462
175	1627	1629	1637	1645	1645	159
180	1634	1634	1634	1634	1634	



Coefficients of Utilization (%)

Ceiling: Wall:	80				70				50				0	
	70	50	30	10	70	50	30	10	50	30	10	0	0	
0 RCR	83	83	83	83	73	73	73	56	56	56	18			
1	76	73	70	67	67	65	62	50	48	47	16			
2	69	64	59	56	61	57	53	44	41	39	15			
3	64	56	51	47	56	50	46	39	36	34	13			
4	58	50	44	40	52	45	40	35	32	29	11			
5	53	45	39	34	47	40	35	31	28	25	10			
6	49	40	34	30	44	36	31	28	25	22	9			
7	45	36	30	26	40	32	27	26	22	19	8			
8	42	33	27	23	37	29	24	23	20	17	7			
9	39	30	24	20	35	27	22	21	18	15	7			
10	36	27	22	18	32	24	20	19	16	13	6			

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	662	1700	2554
65	80	250	1296
75	111	204	260
85	386	661	882

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

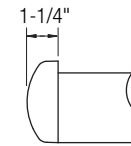
Additional Information

Modules

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

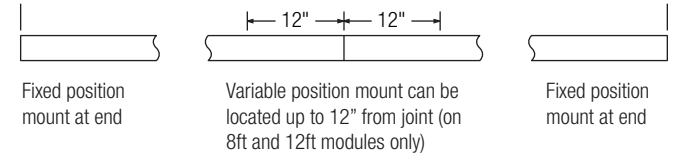
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



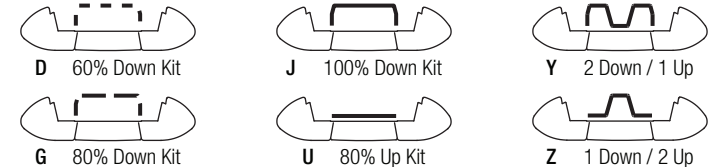
Mounting in Runs

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.