

Achieva®

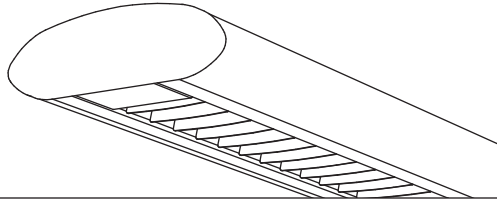


Project Name

Spec Type

Notes

Suspended
 Direct/Indirect
 3 T8





Order Guide

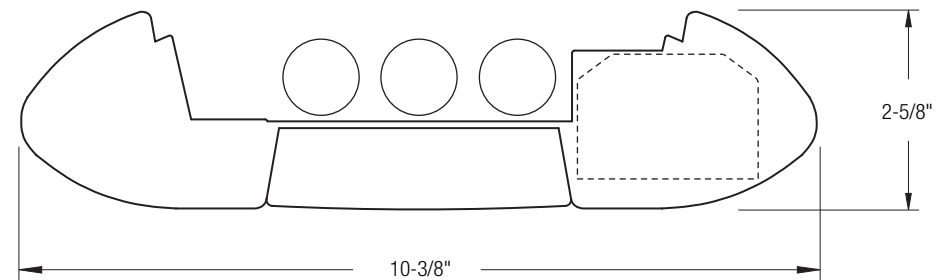
Some combinations of product options may not be available. Consult factory for assistance with your specification.

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"/> Consult separate mounting spec sheet for mount type options <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.

<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 WG White Louver w/ 80% Down Kit

Report Summary

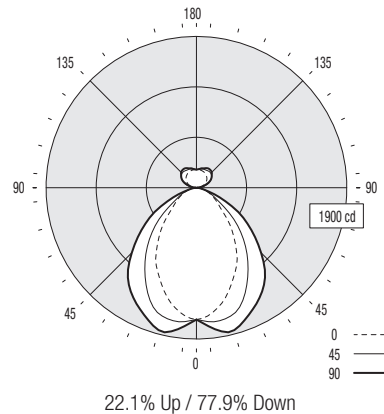
Report # 2101327
Filename 8816T03WG.ies
Efficiency 50.9%

Peak Candela Value* 285 @ 145°
Peak to Zenith Ratio* 1.3 : 1

* Between 90-180° vertical angle

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	1657	1657	1657	1657	1657	
5	1619	1641	1689	1729	1746	163
15	1425	1511	1669	1790	1852	463
25	1161	1286	1458	1568	1685	658
35	857	977	1132	1314	1488	716
45	539	598	793	971	1155	617
55	320	325	435	609	787	432
65	199	195	223	292	405	254
75	101	98	108	103	113	114
85	25	19	27	19	22	27
90	3	3	5	4	4	
95	22	30	38	26	23	35
105	74	111	125	105	101	113
115	121	167	190	183	182	170
125	158	196	235	233	235	192
135	185	211	256	271	273	187
145	205	226	257	282	285	159
155	219	232	251	267	271	116
165	226	234	242	252	252	68
175	227	230	231	232	233	23
180	226	226	226	226	226	



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	57	57	57	57	55	55	55	55	50	50	50	39	55	55	55	55	39
1	53	51	49	48	50	49	47	44	43	42	34	53	51	49	48	34	
2	49	45	42	40	46	43	41	40	38	36	29	49	45	42	40	29	
3	45	40	37	34	43	39	35	35	33	31	25	45	40	37	34	25	
4	41	36	32	29	39	35	31	32	29	27	22	41	36	32	29	22	
5	38	32	28	25	36	31	28	29	26	23	20	38	32	28	25	20	
6	35	29	25	22	34	28	25	26	23	21	17	35	29	25	22	17	
7	33	27	23	20	31	26	22	24	21	19	16	33	27	23	20	16	
8	31	24	21	18	29	24	20	22	19	17	14	31	24	21	18	14	
9	29	22	19	16	27	22	18	20	17	15	13	29	22	19	16	13	
10	27	21	17	15	26	20	17	19	16	14	12	27	21	17	15	12	

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	4548	6182	11185
65	3838	4301	7812
75	3181	3401	3559
85	2338	2525	2058

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

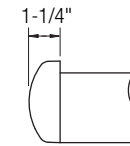
Additional Information

Modules

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

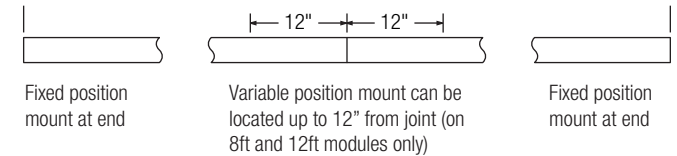
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



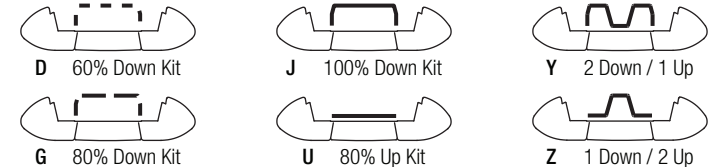
Mounting in Runs

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.