

# Achieva®



Project Name

Spec Type

Notes

Suspended  
Direct/Indirect  
3 T8





## Order Guide

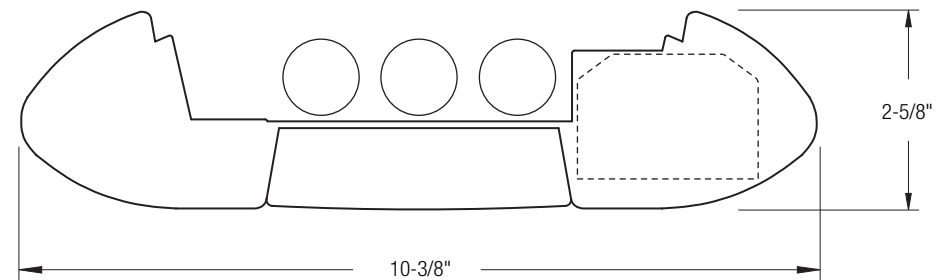
Some combinations of product options may not be available. Consult factory for assistance with your specification.

8816	T03			-		-		-				
Product Series & Type Achieva Direct/Indirect	Lamping 3 T8	Lower Optics <b>W</b> White Louver (34*) <b>P</b> Semi-Specular Louver (15*) <b>S</b> Specular Louver (15*) <b>M</b> Semi-Specular VDT Louver (30*) <b>R</b> Specular VDT Louver (30*)	Upper Optics <b>N</b> None <b>D</b> 60% Down Kit <b>G</b> 80% Down Kit <b>J</b> 100% Down Kit <b>U</b> 80% Up Kit <b>Y</b> 2 Down / 1 Up <b>Z</b> 1 Down / 2 Up	Run Length <i>Enter the total run length in feet (4ft increments)</i>	Wiring <b>1</b> 1 cct <b>2</b> 2 cct <b>3</b> 1 cct w/ Emergency cct <b>4</b> 2 cct w/ Emergency cct <b>5</b> 1 cct w/ Battery Pack <b>6</b> 2 cct w/ Battery Pack <b>7</b> 1 cct Dimming	Voltage <b>1</b> 120V <b>2</b> 277V <b>3</b> 347V	Ballast <b>E</b> Standard Ballast  Consult website for ballast manufacturer information	Color & Finish <b>W</b> Standard White <b>C</b> Factory Color <b>X</b> Custom Color  Consult website for color and finish options	<h3>Mounting Hardware</h3> <div style="display: flex; justify-content: space-between;"> <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.

<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 <a href="http://www.ledalite.com/response">www.ledalite.com/response</a>	



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## Photometry Optics SJ Specular Louver w/ 100% Down Kit

### Report Summary

**Report #** 9900163  
**Filename** 8816T03SJ.ies  
**Efficiency** 50%

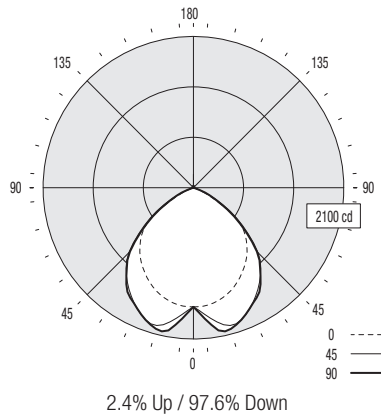
**Peak Candela Value\*** N/A  
**Peak to Zenith Ratio\*** N/A : 1

\* 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	1655	1655	1655	1655	1655	
5	1650	1695	1763	1809	1827	174
15	1581	1780	1981	2033	2028	535
25	1446	1784	1857	1867	1854	824
35	1269	1603	1607	1641	1635	983
45	1047	1305	1276	1263	1253	950
55	711	827	739	706	693	658
65	179	209	247	253	249	239
75	9	7	10	3	2	18
85	1	0	0	0	0	0
90	0	0	0	0	0	0
95	2	1	2	2	3	2
105	4	3	3	3	3	4
115	6	7	4	4	4	4
125	6	10	8	6	7	8
135	7	14	13	13	12	8
145	8	14	17	17	18	8
155	8	10	20	22	24	8
165	8	9	10	18	21	4
175	8	8	8	8	8	0
180	8	8	8	8	8	



### Coefficients of Utilization (%)

Ceiling:	80				70				50				0
	70	50	30	10	70	50	30	10	50	30	10	0	
0 RCR	59	59	59	59	58	58	58	55	55	55	49		
1	55	53	52	50	54	52	51	50	49	48	44		
2	51	48	45	43	50	47	44	45	43	41	38		
3	47	43	39	37	46	42	39	40	38	36	33		
4	44	38	35	32	42	38	34	36	33	31	29		
5	40	35	31	28	39	34	30	33	30	27	25		
6	37	31	27	24	36	31	27	30	26	24	22		
7	35	28	24	22	34	28	24	27	24	21	20		
8	32	26	22	19	31	26	22	25	21	19	18		
9	30	24	20	17	29	23	20	23	20	17	16		
10	28	22	18	16	28	22	18	21	18	16	15		

Based on a floor reflectance of 0.2

### Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	5954	6189	5804
65	2035	2807	2830
75	167	186	37
85	55	0	0

IES files for this and other photometric options can be downloaded online at [www.ledalite.com](http://www.ledalite.com)

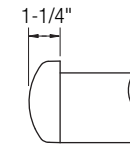
## Additional Information

### Modules

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

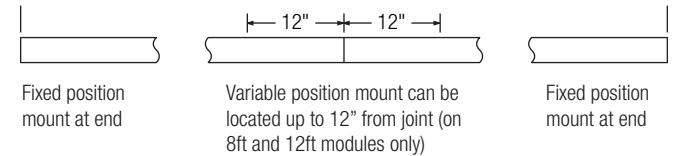
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

### Endcap



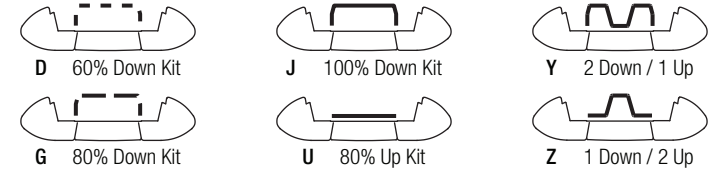
### Mounting in Runs

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.