

# Achieva®

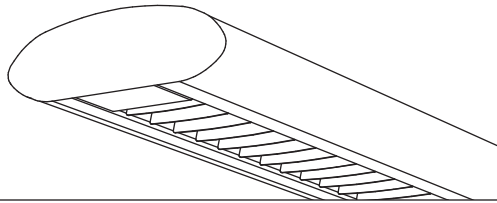


Project Name

Spec Type

Notes

Suspended  
Direct/Indirect  
2 T5HO



## Order Guide

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


<b>8816</b>	<b>H02</b>			-		-		-	
<b>Product Series &amp; Type</b> Achieva Direct/Indirect	<b>Lamping</b> 2 T5HO	<b>Lower Optics</b> <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*)	<b>Upper Optics</b> <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>Run Length</b> <i>Enter the total run length in feet (4ft increments)</i>	<b>Wiring</b> <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	<b>Voltage</b> <b>1</b> 120V <b>2</b> 277V <b>3</b> 347V	<b>Ballast</b> <b>E</b> Standard Ballast  Consult website for ballast manufacturer information	<b>Color &amp; Finish</b> <b>W</b> Standard White <b>C</b> Factory Color <b>X</b> Custom Color  Consult website for color and finish 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	<b>Mounting Hardware</b> <input type="text"/> <input type="text"/> <b>Mount Type</b> <input type="text"/> <b>Suspension Length</b> <input type="text"/> Consult separate mounting spec sheet for mount type options <i>Enter distance from ceiling to top of fixture in inches</i>		

## Upgrades & Accessories

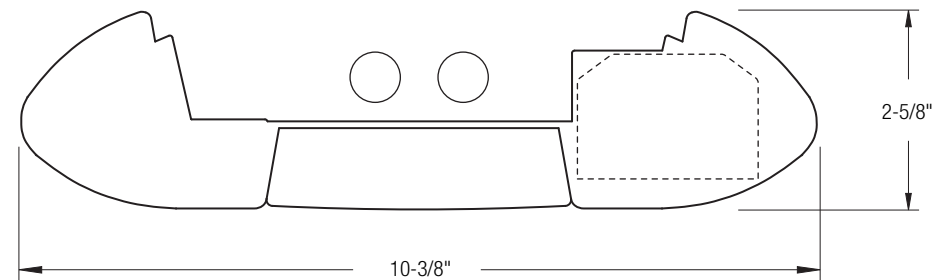
Please indicate with check mark.

Lamps Included  Lamps Included and Installed

Lamp Guard  
Not available with upper optics option U



Response Daylight (Integrated Controls)  
For details visit [www.ledalite.com/response](http://www.ledalite.com/response)



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

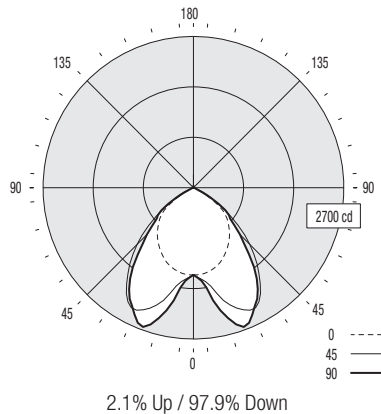
### Report Summary

**Report #** 9900103 **Peak Candela Value\*** N/A  
**Filename** 8816H02SJ.ies **Peak to Zenith Ratio\*** N/A : 1  
**Efficiency** 51.4% \* 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	1557	1557	1557	1557	1557	
5	1553	1602	1639	1658	1668	163
15	1477	1667	2084	2333	2411	571
25	1322	1823	2413	2564	2501	996
35	1121	1871	2091	2054	1983	1173
45	881	1591	1430	1279	1181	1023
55	537	931	677	704	698	639
65	116	195	198	135	67	173
75	5	6	4	2	2	9
85	0	1	0	0	0	0
90	0	0	0	0	0	0
95	1	1	1	1	2	0
105	3	2	2	2	3	3
115	4	4	3	3	3	4
125	4	8	5	5	6	5
135	4	11	9	9	9	8
145	5	11	14	15	15	8
155	5	7	19	23	23	8
165	5	6	7	17	20	3
175	5	5	6	6	5	0
180	5	5	5	5	5	



### Coefficients of Utilization (%)

Ceiling: Walk:	80				70				50				0			
	70	50	30	10	70	50	30	10	50	30	10	0	70	50	30	10
0 RCR	61	61	61	61	59	59	59	57	57	57	57	51	57	55	54	52
1	57	55	54	52	56	54	53	52	51	50	45	45	53	52	49	46
2	53	50	47	45	52	49	46	47	45	43	40	40	49	48	44	41
3	49	45	41	38	48	44	41	42	40	37	35	35	45	44	41	38
4	45	40	36	33	44	39	36	38	35	33	31	31	42	41	38	35
5	42	36	32	29	41	36	32	35	31	29	27	27	39	38	35	31
6	39	33	29	26	38	32	28	31	28	25	24	24	36	35	32	29
7	36	30	26	23	35	29	26	29	25	23	21	21	34	33	30	27
8	34	27	23	20	33	27	23	26	23	20	19	19	31	30	27	23
9	31	25	21	18	31	25	21	24	21	18	17	17	29	28	25	21
10	29	23	19	17	29	23	19	22	19	16	15	15				

Based on a floor reflectance of 0.2

### Avg. Luminance (cd/m<sup>2</sup>)

Vertical Angle	Horizontal Angle		
	0	45	90
55	4497	5670	5846
65	1318	2251	762
75	93	74	37
85	0	0	0

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

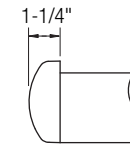
## Additional Information

### Modules

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

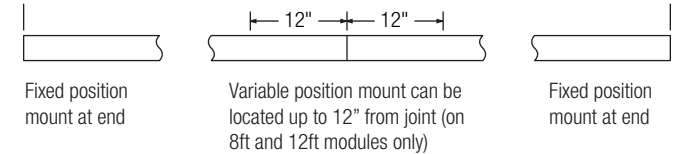
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

### Endcap



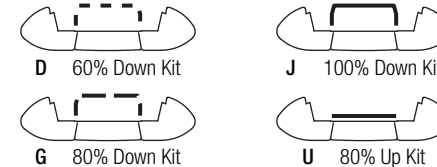
### Mounting in Runs

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.