

# Achieva®

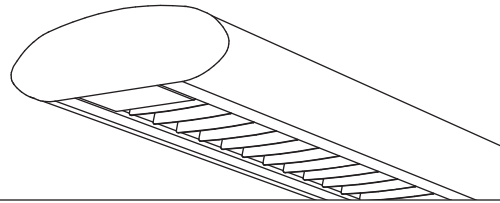


Project Name

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

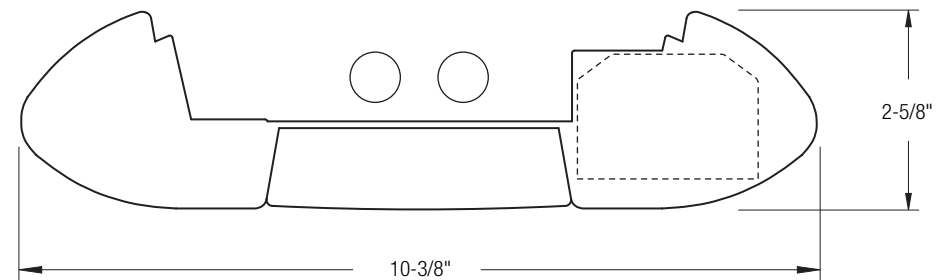
Please indicate with check mark.

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)





**Photometry** Optics RU Specular VDT Louver w/ 80% Up Kit

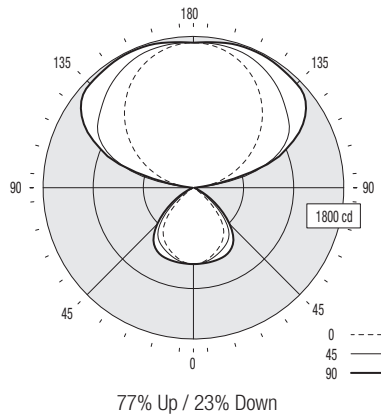
**Report Summary**

**Report #** 2101321 **Peak Candela Value\*** 1782 @ 153°  
**Filename** 8816H02RU.ies **Peak to Zenith Ratio\*** 1 : 1  
**Efficiency** 90.3% \* 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	910	910	910	910	910	
5	902	900	905	907	908	87
15	841	842	870	896	906	246
25	757	762	813	867	895	376
35	633	649	734	775	823	447
45	370	394	525	543	612	372
55	72	81	213	254	313	172
65	7	13	25	54	83	39
75	8	12	13	14	14	14
85	10	10	11	12	12	12
90	6	10	11	12	11	
95	83	105	90	46	51	128
105	344	629	777	691	714	680
115	632	861	1202	1281	1320	1064
125	912	1079	1391	1589	1645	1192
135	1166	1281	1506	1686	1748	1145
145	1379	1461	1612	1732	1769	999
155	1545	1590	1689	1759	1782	774
165	1658	1678	1724	1762	1773	486
175	1718	1721	1730	1737	1738	168
180	1726	1726	1726	1726	1726	



**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	90	90	90	90	80	80	80	60	60	60	19					
1	82	79	76	73	73	70	67	53	52	50	17					
2	75	69	64	60	67	62	58	47	45	42	15					
3	69	61	55	51	61	55	50	42	39	36	13					
4	63	54	48	43	56	49	43	37	34	31	11					
5	58	48	42	37	51	43	38	34	30	27	10					
6	53	43	37	32	47	39	33	30	26	23	9					
7	49	39	32	28	44	35	29	27	23	20	8					
8	46	35	29	24	40	32	26	25	21	18	7					
9	42	32	26	22	38	29	23	23	19	16	7					
10	39	29	23	19	35	26	21	21	17	14	6					

Based on a floor reflectance of 0.2

**Avg. Luminance (cd/m²)**

Vertical Angle	Horizontal Angle		
	0	45	90
55	603	1784	2621
65	80	284	943
75	148	241	260
85	551	606	661

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

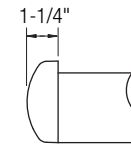
**Additional Information**

**Modules**

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

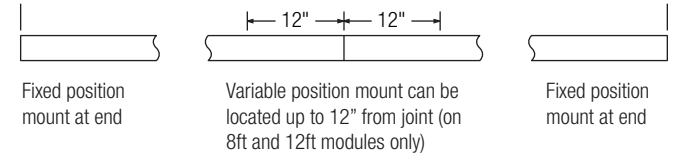
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

**Endcap**



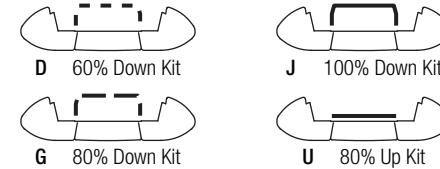
**Mounting in Runs**

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.