

# Achieva®

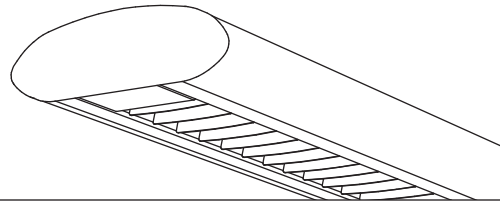


Project Name

Spec Type

Notes

Suspended  
Direct/Indirect  
3 T8





## Order Guide

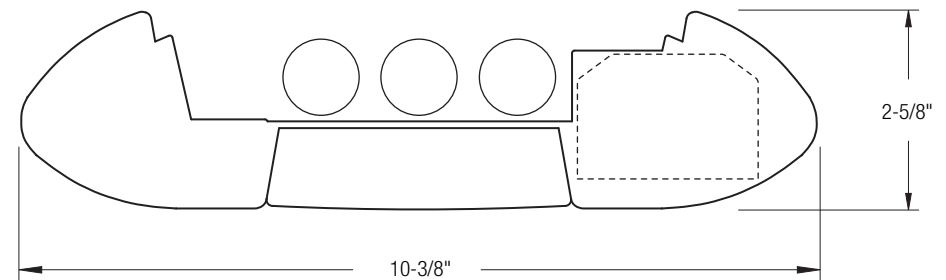
Some combinations of product options may not be available. Consult factory for assistance with your specification.

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>	





**Photometry** Optics PN Semi-Specular Louver

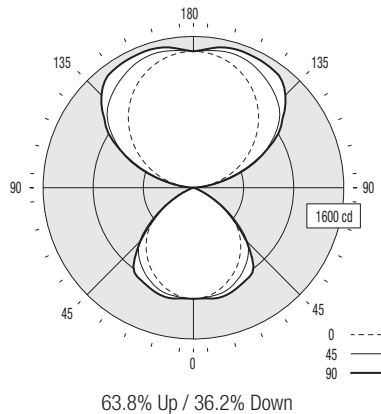
**Report Summary**

**Report #** 9900367 **Peak Candela Value\*** 1533 @ 160°  
**Filename** 8816T03PN.ies **Peak to Zenith Ratio\*** 1.1 : 1  
**Efficiency** 89.1% \* 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	1175	1175	1175	1175	1175	114
5	1167	1167	1171	1174	1175	325
15	1107	1117	1155	1185	1194	500
25	1003	1036	1086	1136	1150	612
35	865	916	979	1060	1095	593
45	691	751	810	798	797	403
55	442	486	461	430	428	142
65	126	145	145	131	122	13
75	11	9	6	4	3	1
85	3	1	0	0	0	0
90	0	0	0	0	0	0
95	70	90	81	63	58	97
105	293	436	433	403	399	426
115	538	714	809	801	797	737
125	768	920	1088	1122	1140	912
135	978	1102	1272	1367	1384	949
145	1156	1257	1374	1471	1505	851
155	1293	1364	1451	1505	1527	662
165	1387	1422	1480	1516	1528	416
175	1436	1443	1455	1466	1469	141
180	1442	1442	1442	1442	1442	0



**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	92	92	92	92	83	83	83	66	66	66	66	30	84	81	78	75
1	84	81	78	75	76	73	71	59	57	56	56	27	77	71	66	62
2	77	71	66	62	70	65	60	52	49	47	47	23	71	63	57	52
3	71	63	57	52	64	57	52	46	43	40	40	20	65	56	49	44
4	65	56	49	44	58	51	45	41	37	34	34	18	59	50	43	38
5	59	50	43	38	54	45	40	37	33	30	30	16	55	45	38	33
6	55	45	38	33	49	41	35	33	29	26	26	14	51	40	34	29
7	51	40	34	29	46	37	31	30	26	23	23	12	47	36	30	25
8	47	36	30	25	42	33	28	27	23	20	20	11	43	33	27	22
9	43	33	27	22	39	30	25	25	21	18	18	10	41	30	24	20
10	41	30	24	20	37	28	22	23	19	16	16	9				

Based on a floor reflectance of 0.2

**Avg. Luminance (cd/m²)**

Vertical Angle	Horizontal Angle		
	0	45	90
55	6282	6552	6083
65	2430	2797	2353
75	346	189	94
85	281	0	0

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

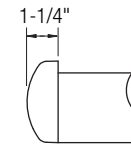
**Additional Information**

**Modules**

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

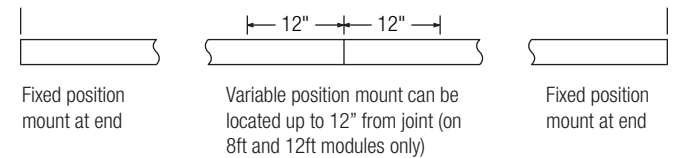
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

**Endcap**



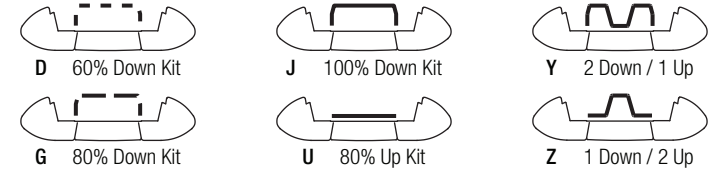
**Mounting in Runs**

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.