

Achieva®

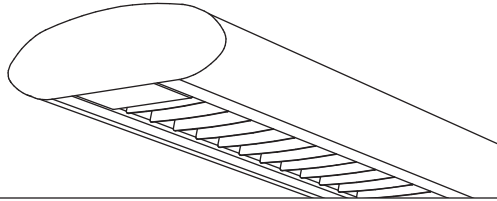


Project Name

Spec Type

Notes

Suspended
 Direct/Indirect
 3 T5HO




Order Guide

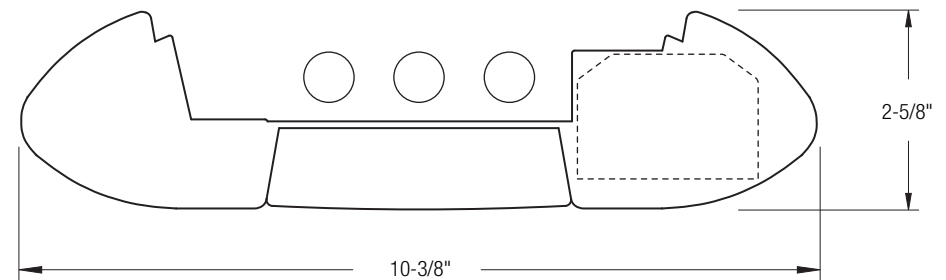
Some combinations of product options may not be available. Consult factory for assistance with your specification.

8816	H03			-		-		-		
Product Series & Type Achieva Direct/Indirect	Lamping 3 T5HO	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 <small>Consult website for ballast manufacturer information</small>	Color & Finish W Standard White C Factory Color X Custom Color <small>Consult website for color and finish options</small>		
		* Number of louver cells per 4ft section <small>See details on reverse</small>		<small>See details on reverse</small>	<small>See details on reverse</small>	<h3>Mounting Hardware</h3> <div style="display: flex; justify-content: space-around;"> <input type="text"/> <input type="text"/> </div> <table border="1"> <tr> <td>Mount Type <small>Consult separate mounting spec sheet for mount type options</small></td> <td>Suspension Length <i>Enter distance from ceiling to top of fixture in inches</i></td> </tr> </table>		Mount Type <small>Consult separate mounting spec sheet for mount type options</small>	Suspension Length <i>Enter distance from ceiling to top of fixture in inches</i>	
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Upgrades & Accessories

Please indicate with check mark.

<input type="checkbox"/> Lamps Included	<input checked="" type="checkbox"/> Lamps Included and Installed
<input type="checkbox"/> Lamp Guard <small>Not available with upper optics option U</small> 	
<input type="checkbox"/> Response Daylight (Integrated Controls) <small>For details visit www.ledalite.com/response</small>	



Suspended
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Photometry Optics RN Specular VDT Louver

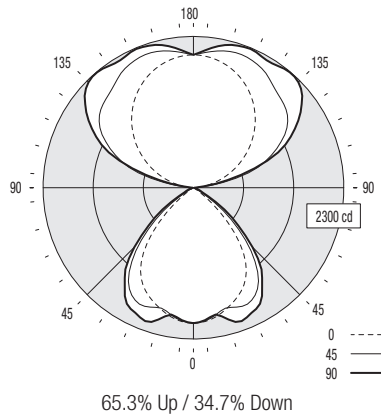
Report Summary

Report # 2101311 **Peak Candela Value*** 2292 @ 140°
Filename 8816H03RN.ies **Peak to Zenith Ratio*** 1.1 : 1
Efficiency 85.5% * 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	2060	2060	2060	2060	2060	
5	2043	2036	2032	2025	2022	196
15	1915	1884	1896	2035	2075	556
25	1731	1720	1954	2068	2100	882
35	1394	1503	1735	1792	1831	1026
45	740	851	1127	1199	1277	796
55	113	166	401	475	578	320
65	11	16	30	90	129	58
75	10	13	13	13	12	15
85	10	11	12	13	12	12
90	6	12	13	13	13	
95	89	146	105	54	53	149
105	377	713	872	754	753	757
115	708	1069	1407	1496	1554	1254
125	1033	1326	1761	1935	2001	1460
135	1331	1602	1899	2183	2269	1442
145	1589	1818	2023	2177	2259	1245
155	1791	1963	2133	2241	2274	964
165	1933	2029	2145	2222	2249	601
175	2009	2032	2064	2092	2099	200
180	2021	2021	2021	2021	2021	



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 RCR	88	88	88	88	79	79	79	62	62	62	27					
1	81	77	75	72	73	70	68	56	54	53	25					
2	74	69	64	60	67	62	58	50	47	45	22					
3	68	61	55	51	61	55	51	45	41	39	20					
4	63	54	48	44	56	49	44	40	36	34	17					
5	58	49	42	38	52	44	39	36	32	29	16					
6	53	44	37	33	48	40	34	33	29	26	14					
7	49	40	33	29	44	36	31	30	26	23	13					
8	46	36	30	26	41	33	27	27	23	20	11					
9	42	33	27	23	38	30	25	25	21	18	10					
10	40	30	24	20	36	27	22	23	19	16	9					

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	946	3358	4841
65	125	341	1466
75	186	241	223
85	551	661	661

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

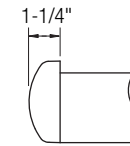
Additional Information

Modules

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

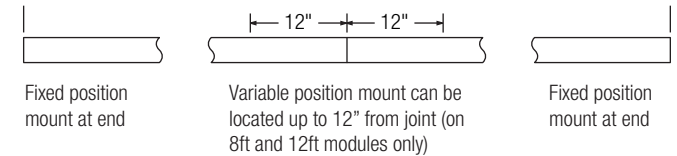
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



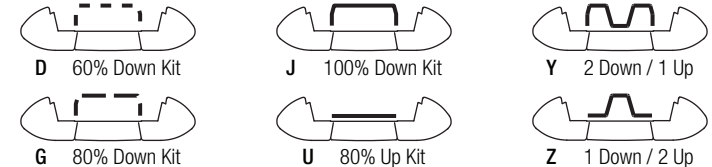
Mounting in Runs

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.