

Achieva®

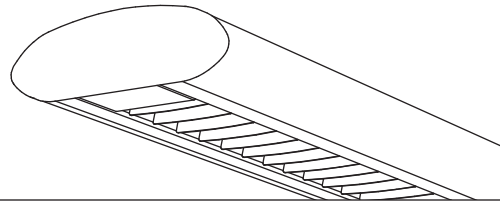


Project Name

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 Consult website for ballast manufacturer information	Color & Finish W Standard White C Factory Color X 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	<h3>Mounting Hardware</h3> <table border="1"> <tr> <td><input type="text"/></td> <td><input type="text"/></td> </tr> <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>			<input type="text"/>	<input type="text"/>	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>
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Upgrades & Accessories

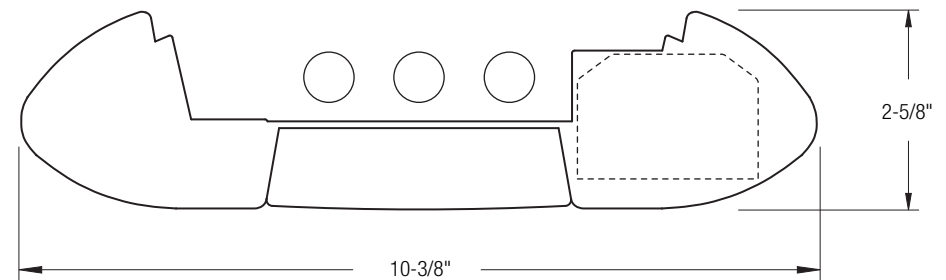
Please indicate with check mark.

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



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3 T5HO



Photometry Optics SZ Specular Louver w/ 1 Down / 2 Up Kit

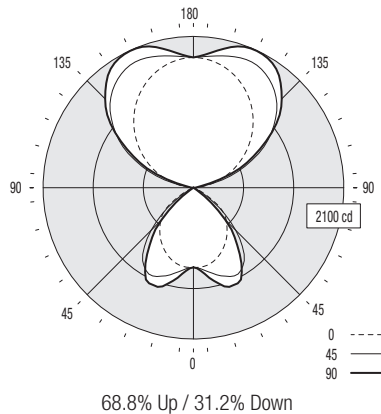
Report Summary

Report # 9900063 **Peak Candela Value*** 2095 @ 155°
Filename 8816H03SZ.ies **Peak to Zenith Ratio*** 1.2 : 1
Efficiency 64% * 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	1106	1106	1106	1106	1106	111
5	1108	1111	1128	1148	1157	351
15	1063	1116	1252	1342	1379	586
25	957	1107	1351	1439	1465	690
35	814	1058	1238	1184	1128	583
45	649	895	835	719	626	285
55	408	533	323	161	62	56
65	94	125	13	3	2	2
75	6	3	1	1	1	0
85	3	0	0	0	0	0
90	0	0	0	0	0	62
95	70	48	37	38	39	387
105	335	469	415	283	240	818
115	627	840	899	843	826	1105
125	910	1159	1328	1355	1336	1202
135	1173	1413	1648	1723	1744	1113
145	1405	1599	1842	1973	2015	870
155	1591	1716	1927	2052	2095	534
165	1725	1781	1891	1984	2021	179
175	1798	1807	1828	1847	1854	
180	1809	1809	1809	1809	1809	



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
0 RCR	65	65	65	65	58	58	58	46	46	46	19						
1	60	57	55	53	54	52	50	41	40	39	17						
2	55	51	47	44	49	46	43	36	34	33	15						
3	50	45	41	37	45	41	37	32	30	28	13						
4	46	40	35	32	41	36	32	29	26	24	12						
5	42	36	31	27	38	32	28	26	23	21	10						
6	39	32	27	24	35	29	25	23	20	18	9						
7	36	29	24	21	32	26	22	21	18	16	8						
8	33	26	21	18	30	24	20	19	16	14	7						
9	31	24	19	16	28	22	18	18	15	13	7						
10	29	22	17	14	26	20	16	16	13	11	6						

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	3417	2705	519
65	1068	148	23
75	111	19	19
85	165	0	0

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

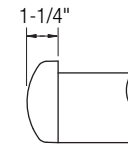
Additional Information

Modules

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

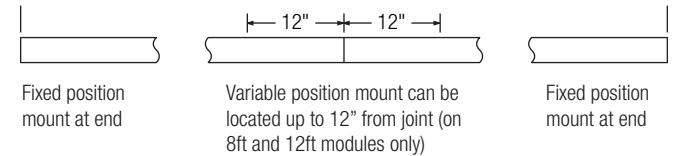
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



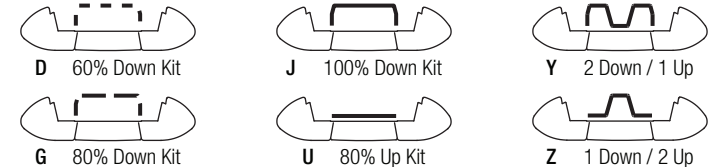
Mounting in Runs

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.