

Achieva®

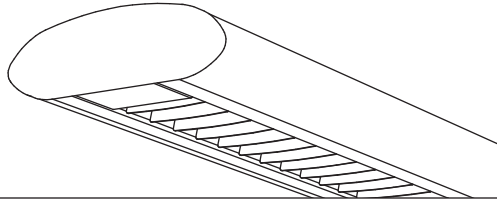


Project Name

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	Mounting Hardware <input type="text"/> <input type="text"/> Mount Type <input type="text"/> Suspension Length <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

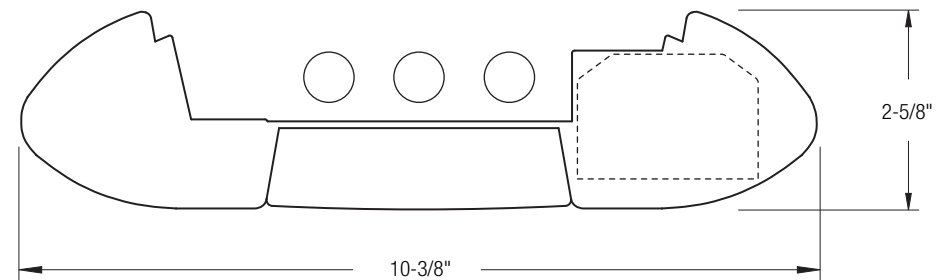
Please indicate with check mark.

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



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Photometry Optics WJ White Louver w/ 100% Down Kit

Report Summary

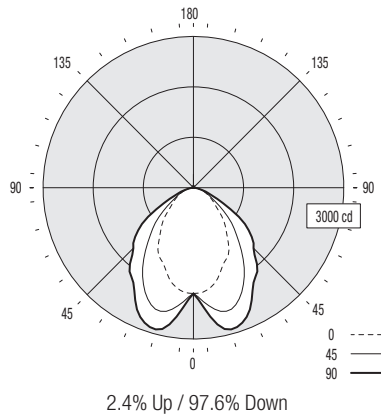
Report # 2101347
Filename 8816H03WJ.ies
Efficiency 37.2%

Peak Candela Value* N/A
Peak to Zenith Ratio* N/A : 1

* Between 90-180° vertical angle

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	2099	2099	2099	2099	2099	225
5	2083	2152	2269	2362	2387	690
15	1866	2134	2537	2786	2910	1004
25	1557	1922	2283	2484	2666	1059
35	1173	1481	1730	1899	2157	915
45	798	916	1151	1402	1696	652
55	485	485	637	935	1254	361
65	301	296	327	392	524	168
75	153	145	159	152	179	38
85	32	29	35	26	35	5
90	2	2	3	3	3	8
95	5	4	5	5	6	12
105	9	6	7	8	8	16
115	11	12	10	11	11	24
125	11	15	17	14	15	32
135	12	17	21	23	23	42
145	14	21	23	26	27	54
155	15	20	28	30	31	72
165	16	18	21	32	33	96
175	16	17	17	18	17	126
180	16	16	16	16	16	168



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
0 RCR	44	44	44	44	43	43	43	41	41	41	41	36	41	41	41	41	36
1	41	39	38	37	40	38	37	37	37	36	35	32	37	36	36	35	32
2	37	35	33	31	36	34	32	33	31	30	27	27	31	30	30	27	24
3	35	31	28	26	34	31	28	29	27	26	24	24	29	27	27	24	21
4	32	28	25	23	31	27	25	26	24	22	21	21	26	24	24	21	18
5	30	25	22	20	29	25	22	24	22	20	18	18	24	22	22	18	15
6	27	23	20	18	27	23	20	22	19	17	16	16	22	20	20	16	13
7	26	21	18	16	25	21	18	20	17	16	15	15	21	19	19	15	12
8	24	19	16	14	23	19	16	18	16	14	13	13	19	17	17	13	10
9	22	18	15	13	22	17	15	17	15	13	12	12	17	15	15	12	9
10	21	16	14	12	20	16	13	16	13	12	11	11	16	14	14	11	8

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	6893	9053	17822
65	5806	6307	10107
75	4819	5008	5638
85	2993	3273	3273

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

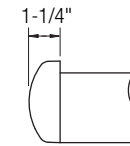
Additional Information

Modules

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

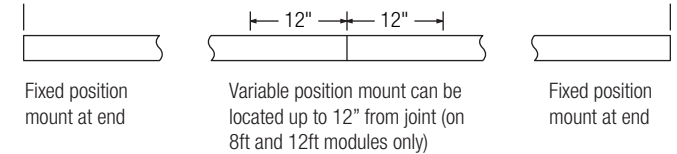
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



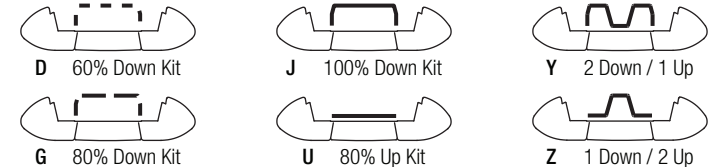
Mounting in Runs

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.