

Achieva®



Project Name

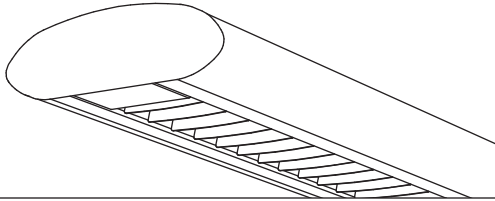
Spec Type

Notes

Suspended

Direct/Indirect

2 T5HO



Order Guide

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

8816	H02	<input type="text"/>	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>
Product Series & Type Achieva Direct/Indirect	Lamping 2 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	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

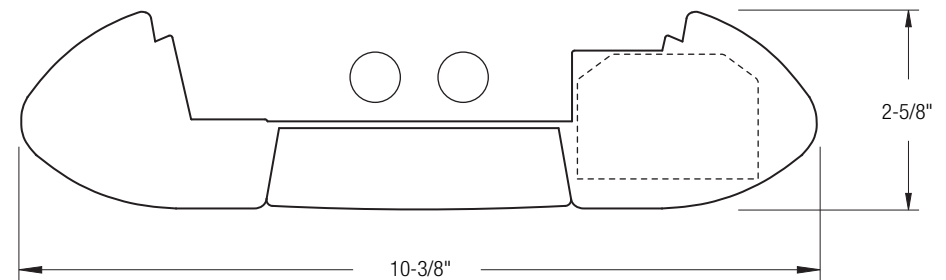
Please indicate with check mark.

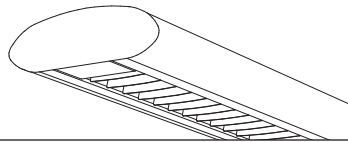
Lamps Included Lamps Included and Installed

Lamp Guard
Not available with upper optics option U



Response Daylight (Integrated Controls)
For details visit www.ledalite.com/response





Photometry Optics WJ White Louver w/ 100% Down Kit

Report Summary

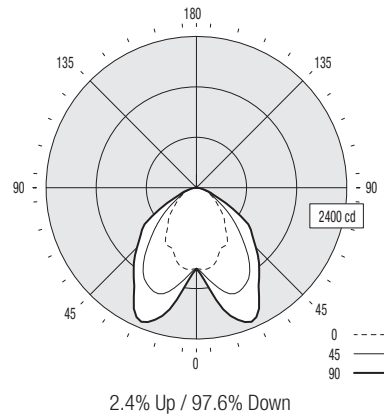
Report # 2101322
Filename 8816H02WJ.ies
Efficiency 43%

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	1286	1286	1286	1286	1286	141
5	1306	1346	1388	1453	1477	476
15	1213	1377	1707	2003	2105	776
25	1029	1292	1754	2103	2265	851
35	815	1106	1477	1585	1745	731
45	592	718	957	1156	1341	520
55	376	379	526	758	1011	287
65	234	229	264	324	385	133
75	118	114	131	124	142	32
85	27	21	33	22	29	4
90	2	2	3	3	3	5
95	3	3	4	5	6	8
105	6	4	5	6	7	8
115	6	6	6	7	8	8
125	6	8	9	9	10	8
135	6	10	11	12	13	8
145	7	12	13	15	16	8
155	8	11	16	18	19	8
165	8	10	12	20	21	4
175	8	9	9	10	9	0
180	9	9	9	9	9	



Coefficients of Utilization (%)

Ceiling:	80				70				50				0
	70	50	30	10	70	50	30	10	50	30	10	0	
0 RCR	51	51	51	51	49	49	49	47	47	47	42		
1	47	45	44	42	46	44	43	42	41	40	37		
2	43	40	38	36	42	39	37	38	36	34	32		
3	40	36	33	30	39	35	32	34	31	29	27		
4	37	32	29	26	36	31	28	30	28	25	24		
5	34	29	25	23	33	28	25	27	25	22	21		
6	31	26	23	20	31	26	22	25	22	20	18		
7	29	24	20	18	28	23	20	23	20	18	16		
8	27	22	18	16	27	21	18	21	18	16	15		
9	25	20	17	14	25	20	17	19	16	14	13		
10	24	18	15	13	23	18	15	18	15	13	12		

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	5344	7475	14368
65	4513	5092	7426
75	3716	4126	4472
85	2525	3086	2712

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

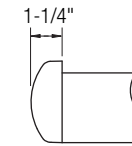
Additional Information

Modules

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

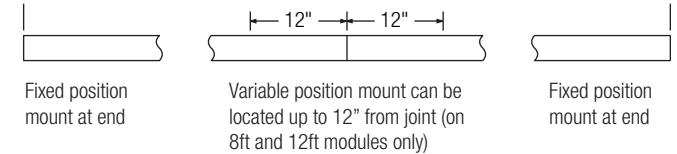
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



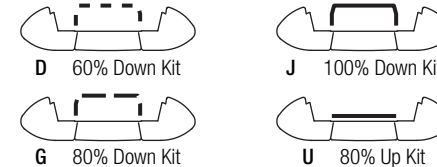
Mounting in Runs

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.