

Achieva®

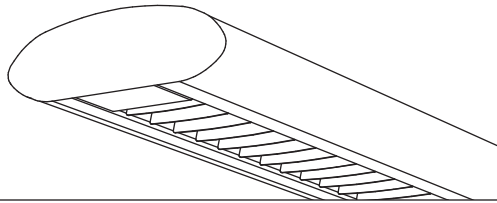


Project Name

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			-		-		-	
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

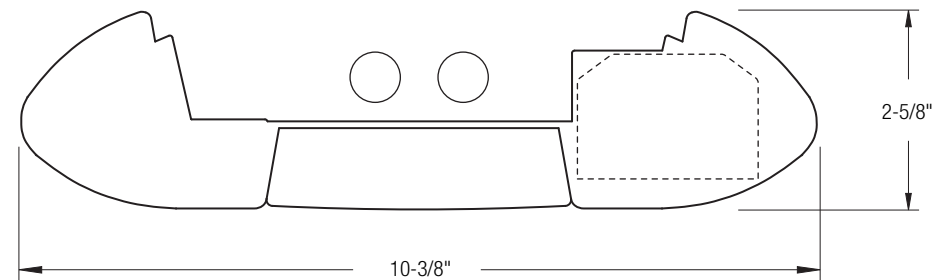
Please indicate with check mark.

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



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Direct/Indirect
2 T5HO



Photometry Optics WD White Louver w/ 60% Down Kit

Report Summary

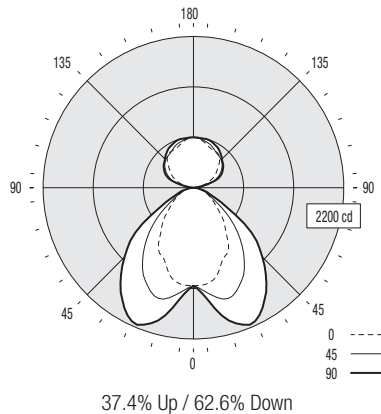
Report # 2101324
Filename 8816H02WD.ies
Efficiency 68.1%

Peak Candela Value* 733 @ 165°
Peak to Zenith Ratio* 1 : 1

* Between 90-180° vertical angle

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	1427	1427	1427	1427	1427	
5	1424	1450	1493	1540	1550	148
15	1324	1428	1677	1909	2000	469
25	1096	1261	1580	1911	2140	730
35	849	1078	1297	1547	1855	821
45	587	704	913	1134	1425	722
55	366	377	503	687	905	493
65	229	230	255	288	354	268
75	117	110	125	128	158	134
85	31	26	34	28	34	36
90	4	6	7	7	6	
95	44	51	47	38	22	60
105	156	217	271	256	236	245
115	300	347	409	416	448	381
125	417	460	508	479	532	430
135	540	573	573	558	590	437
145	617	620	603	635	660	390
155	623	624	656	687	705	304
165	670	678	695	723	733	198
175	722	723	727	730	732	70
180	731	731	731	731	731	



Coefficients of Utilization (%)

Ceiling:	80					70					0
	70	50	30	10	70	50	30	50	30	10	
0 RCR	74	74	74	74	69	69	69	60	60	60	41
1	68	66	63	61	64	62	59	54	52	51	35
2	63	58	54	51	59	54	51	48	45	43	31
3	58	51	47	43	54	48	44	43	39	37	26
4	53	46	41	37	49	43	39	38	35	32	23
5	49	41	36	32	45	39	34	34	31	28	20
6	45	37	32	28	42	35	30	31	27	24	18
7	42	33	28	24	39	32	27	28	24	21	16
8	39	30	25	22	36	29	24	26	22	19	14
9	36	28	23	19	34	26	22	24	20	17	13
10	34	26	21	17	32	24	20	22	18	16	12

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	5201	7149	12862
65	4417	4918	6828
75	3685	3937	4976
85	2899	3180	3180

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

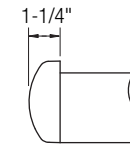
Additional Information

Modules

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

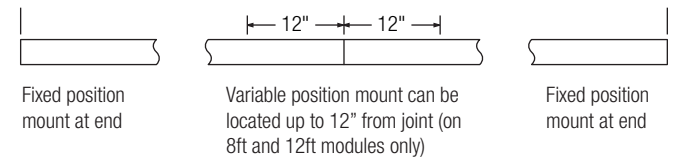
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



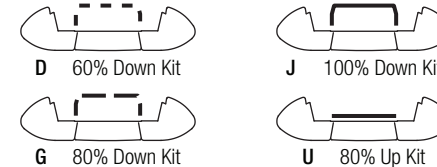
Mounting in Runs

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.