

Achieva®



Project Name

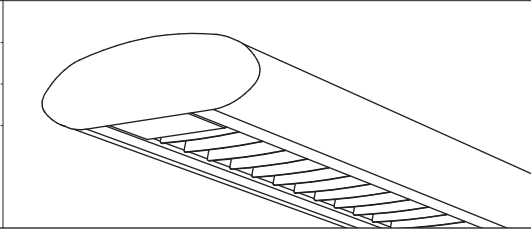
Spec Type

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 Consult separate mounting spec sheet for mount type options <i>Enter distance from ceiling to top of fixture in inches</i>			

Upgrades & Accessories

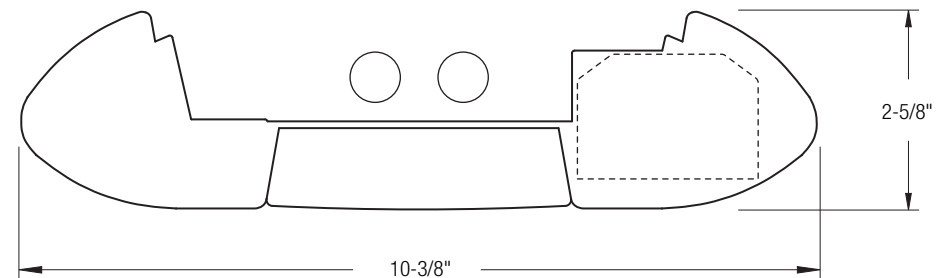
Please indicate with check mark.

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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Suspended
Direct/Indirect
2 T5HO



Photometry Optics PG Semi-Specular Louver w/ 80% Down Kit

Report Summary

Report # 9900254
Filename 8816H02PG.ies
Efficiency 69.5%

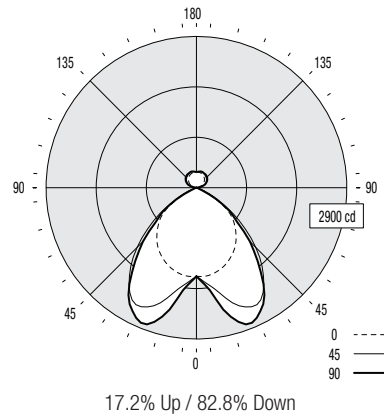
Peak Candela Value* 324 @ 160°
Peak to Zenith Ratio* 1.1 : 1

* 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	1699	1699	1699	1699	1699	
5	1706	1754	1817	1850	1867	181
15	1644	1848	2193	2476	2561	613
25	1511	1935	2519	2727	2753	1067
35	1317	1964	2267	2279	2255	1285
45	1049	1673	1617	1501	1458	1156
55	701	1014	859	778	786	746
65	206	278	264	183	116	238
75	22	21	14	9	7	23
85	2	2	1	1	1	2
90	0	0	0	0	0	
95	17	25	20	14	12	25
105	72	99	130	119	108	115
115	129	156	189	199	201	176
125	176	201	232	249	253	200
135	218	240	266	284	287	202
145	252	271	290	308	307	180
155	279	294	310	318	317	140
165	295	307	315	323	323	89
175	300	303	306	308	308	30
180	299	299	299	299	299	



Coefficients of Utilization (%)

Ceiling: Walk:	80				70				50				0
	70	50	30	10	70	50	30	10	50	30	10	0	
0 RCR	80	80	80	80	76	76	76	70	70	70	57		
1	74	72	69	67	71	69	67	64	62	61	51		
2	69	64	60	57	66	62	58	57	54	52	44		
3	63	57	52	49	61	55	51	51	48	45	39		
4	58	51	46	42	56	49	45	46	42	39	34		
5	54	46	40	36	51	44	39	42	37	34	30		
6	50	41	36	32	48	40	35	38	33	30	26		
7	46	38	32	28	44	36	31	34	30	27	23		
8	43	34	29	25	41	33	28	31	27	24	21		
9	40	31	26	23	38	30	26	29	24	21	19		
10	37	29	24	20	36	28	23	27	22	19	17		

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	9962	12208	11170
65	3973	5092	2237
75	693	441	220
85	187	94	94

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

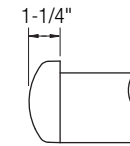
Additional Information

Modules

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

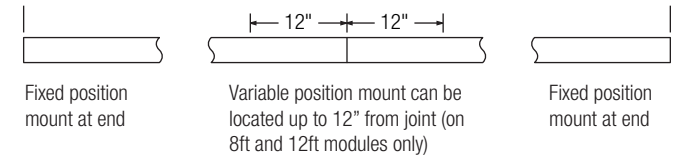
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



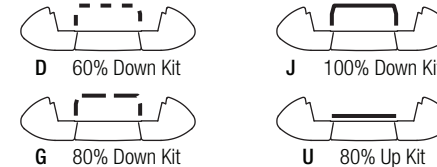
Mounting in Runs

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.