

Achieva®

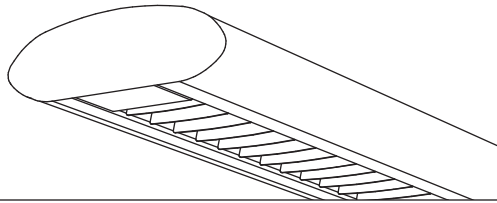


Project Name

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	Mounting Hardware <input type="text"/> <input type="text"/> Mount Type <input type="text"/> Suspension Length <input type="text"/> <i>Enter distance from ceiling to top of fixture in inches</i> Consult separate mounting spec sheet for mount type 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					

Upgrades & Accessories

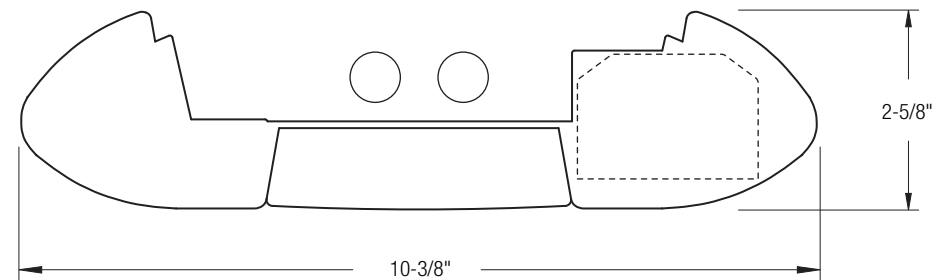
Please indicate with check mark.

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 SG Specular Louver w/ 80% Down Kit

Report Summary

Report # 9900104
Filename 8816H02SG.ies
Efficiency 70.2%

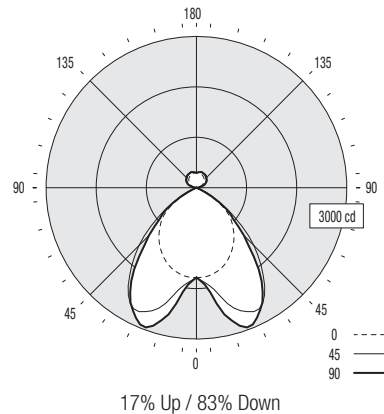
Peak Candela Value* 327 @ 160°
Peak to Zenith Ratio* 1.1 : 1

* 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	1780	1780	1780	1780	1780	
5	1779	1830	1885	1915	1931	189
15	1700	1917	2376	2657	2727	653
25	1532	2081	2713	2884	2852	1130
35	1299	2126	2375	2327	2269	1335
45	1011	1803	1621	1460	1340	1161
55	610	1058	774	756	710	711
65	139	231	217	147	75	193
75	6	7	4	1	1	9
85	1	0	0	0	0	0
90	0	0	0	0	0	0
95	16	26	22	14	11	25
105	69	96	126	116	106	111
115	128	154	184	197	199	173
125	176	202	230	247	253	200
135	216	241	265	283	281	201
145	250	272	293	309	308	180
155	275	294	313	322	319	142
165	290	306	314	322	322	88
175	295	298	302	305	304	30
180	293	293	293	293	293	



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	80	80	80	80	77	77	77	71	71	71	58	58	58	58	58	58	58
1	75	72	70	68	72	70	68	65	63	62	52	52	52	52	52	52	52
2	69	65	61	58	67	63	59	58	56	53	45	45	45	45	45	45	45
3	64	58	53	50	62	56	52	52	49	46	40	40	40	40	40	40	40
4	59	52	47	43	57	50	46	47	43	40	35	35	35	35	35	35	35
5	55	47	42	38	52	45	40	43	38	35	31	31	31	31	31	31	31
6	51	42	37	33	49	41	36	39	34	31	27	27	27	27	27	27	27
7	47	39	33	29	45	37	32	35	31	28	24	24	24	24	24	24	24
8	44	35	30	26	42	34	29	32	28	25	22	22	22	22	22	22	22
9	41	32	27	23	39	31	26	30	25	22	20	20	20	20	20	20	20
10	38	30	24	21	37	29	24	27	23	20	18	18	18	18	18	18	18

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	5109	6482	5946
65	1580	2466	852
75	111	74	19
85	55	0	0

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

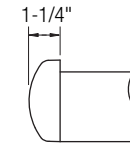
Additional Information

Modules

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

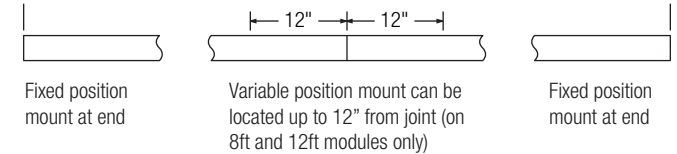
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



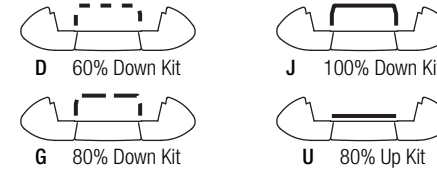
Mounting in Runs

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.