

Achieva®

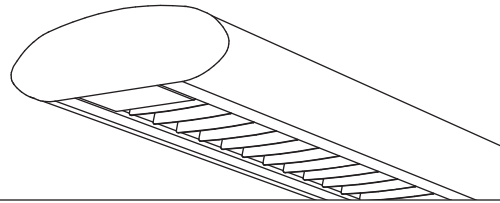


Project Name

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

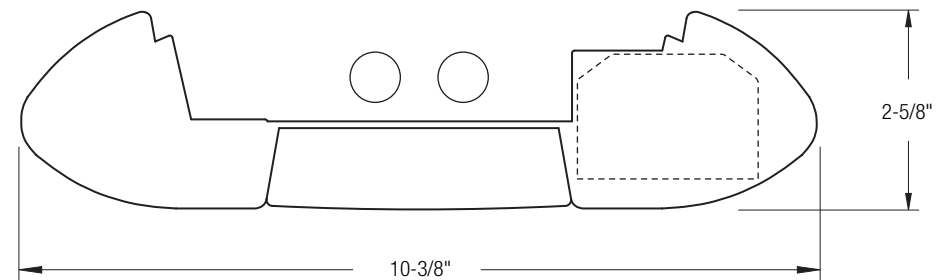
Please indicate with check mark.

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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Photometry Optics RG Specular VDT Louver w/ 80% Down Kit

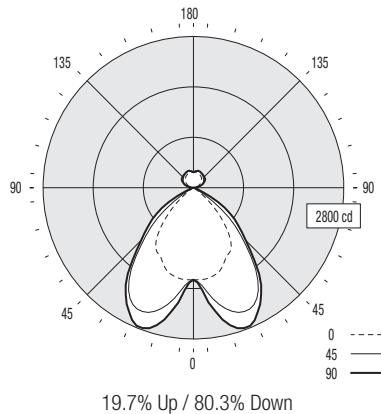
Report Summary

Report # 2101318 **Peak Candela Value*** 325 @ 163°
Filename 8816H02RG.ies **Peak to Zenith Ratio*** 1.1 : 1
Efficiency 60.4% * 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	1704	1704	1704	1704	1704	
5	1710	1739	1813	1922	1907	186
15	1652	1907	2317	2576	2634	634
25	1430	1999	2479	2627	2703	1053
35	1215	1903	2091	2098	2199	1199
45	616	1015	1248	1331	1376	885
55	80	185	446	678	831	405
65	6	7	22	148	190	81
75	3	3	3	3	4	7
85	2	2	2	2	2	4
90	3	4	5	6	5	
95	22	31	30	28	18	33
105	70	101	132	122	125	119
115	123	151	193	201	206	175
125	171	201	234	259	267	203
135	212	241	260	284	285	200
145	247	273	291	297	298	178
155	271	296	314	316	317	140
165	288	305	318	325	325	88
175	289	293	299	302	301	29
180	286	286	286	286	286	



Coefficients of Utilization (%)

Ceiling: Wall:	80				70				50				0
	70	50	30	10	70	50	30	10	50	30	10	0	
0 RCR	68	68	68	68	65	65	65	60	60	60	47		
1	64	62	60	58	61	59	58	55	53	52	43		
2	60	56	53	50	57	54	51	50	47	46	38		
3	55	50	46	43	53	48	45	45	42	40	34		
4	51	45	41	38	49	44	40	41	38	35	30		
5	47	41	37	33	45	40	36	37	34	31	27		
6	44	37	33	30	42	36	32	34	30	28	24		
7	41	34	30	26	39	33	29	31	28	25	22		
8	38	31	27	24	37	30	26	29	25	22	20		
9	36	29	24	21	34	28	24	26	23	20	18		
10	33	26	22	19	32	26	22	24	21	18	16		

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	670	3735	6959
65	68	250	2160
75	56	56	74
85	110	110	110

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

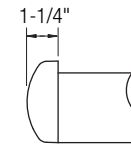
Additional Information

Modules

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

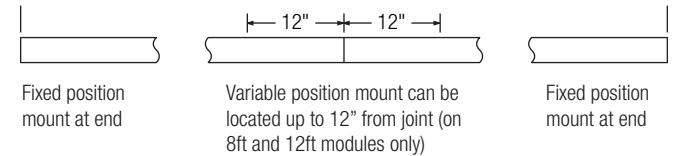
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



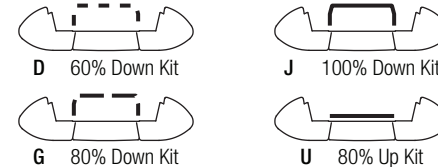
Mounting in Runs

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.