

Achieva®

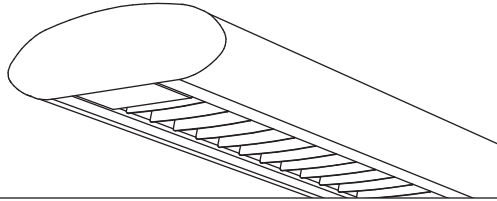


Project Name

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

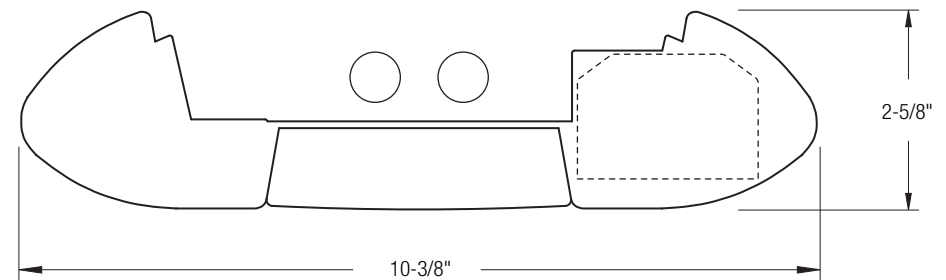
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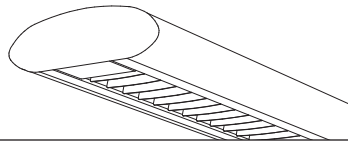
Lamps Included Lamps Included and Installed

Lamp Guard
Not available with upper optics option U



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





Photometry Optics PN Semi-Specular Louver

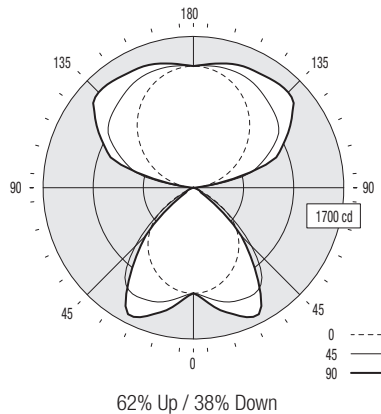
Report Summary

Report # 9900361 **Peak Candela Value*** 1517 @ 138°
Filename 8816H02PN.ies **Peak to Zenith Ratio*** 1.1 : 1
Efficiency 90.8% * 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	1187	1187	1187	1187	1187	
5	1181	1190	1221	1242	1257	119
15	1128	1198	1328	1419	1450	372
25	1026	1170	1374	1547	1602	623
35	886	1092	1330	1340	1275	750
45	700	926	931	805	764	647
55	428	591	414	243	172	352
65	117	156	61	73	77	104
75	11	10	7	5	3	12
85	3	1	0	0	0	1
90	0	0	0	0	0	
95	56	113	64	39	44	110
105	253	485	685	657	661	585
115	477	704	955	1054	1111	869
125	693	867	1177	1308	1357	979
135	895	1029	1257	1452	1516	955
145	1070	1167	1325	1453	1500	821
155	1209	1270	1378	1456	1481	629
165	1307	1338	1390	1431	1445	392
175	1359	1366	1377	1386	1387	133
180	1367	1367	1367	1367	1367	



Coefficients of Utilization (%)

Ceiling: Wall:	80				70				50				0
	70	50	30	10	70	50	30	10	50	30	10	0	
0 RCR	94	94	94	94	85	85	85	68	68	68	32		
1	86	83	80	77	78	75	72	61	59	57	28		
2	79	73	68	64	71	66	62	54	51	49	25		
3	73	65	59	54	65	59	54	48	45	42	22		
4	67	58	51	46	60	53	47	43	39	36	19		
5	61	51	45	40	55	47	41	39	34	31	17		
6	56	46	39	34	51	42	36	35	30	27	15		
7	52	42	35	30	47	38	32	32	27	24	13		
8	48	38	31	27	44	35	29	29	24	21	12		
9	45	34	28	24	41	32	26	26	22	19	11		
10	42	31	25	21	38	29	23	24	20	17	10		

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	6083	5884	2444
65	2257	1177	1485
75	346	220	94
85	281	0	0

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

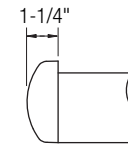
Additional Information

Modules

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

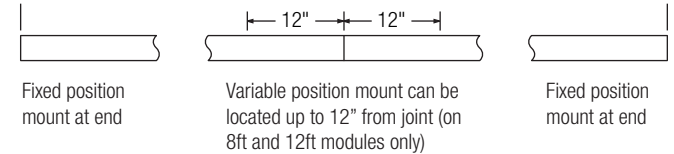
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



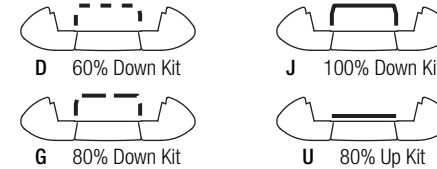
Mounting in Runs

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.