

Achieva®

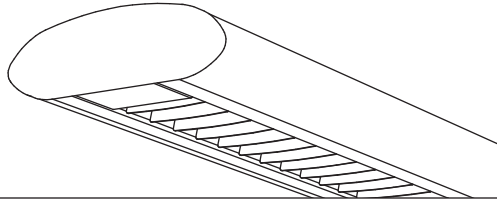


Project Name

Spec Type

Notes

Suspended
Direct/Indirect
3 T5HO



Order Guide

Some combinations of product options may not be available. Consult factory for assistance with your specification.


8816	H03			-		-		-	
Product Series & Type Achieva Direct/Indirect	Lamping 3 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 Y 2 Down / 1 Up Z 1 Down / 2 Up	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

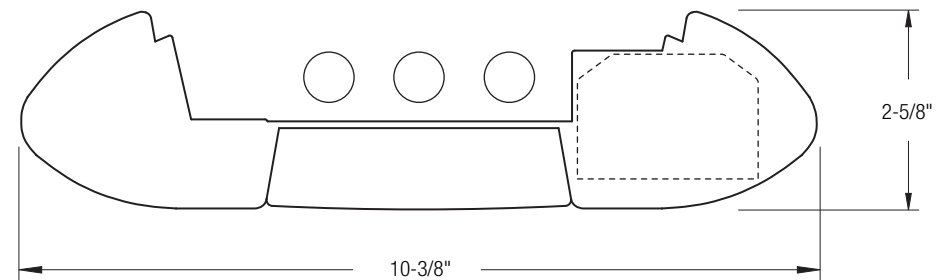
Please indicate with check mark.

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 PU Semi-Specular Louver w/ 80% Up Kit

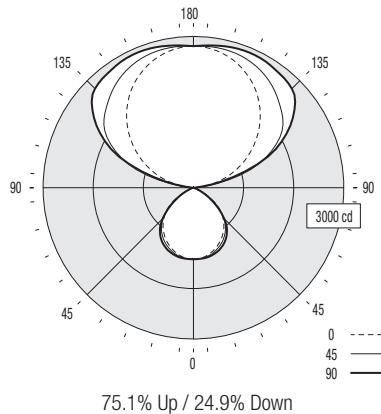
Report Summary

Report # 9900229 **Peak Candela Value*** 2903 @ 158°
Filename 8816H03PU.ies **Peak to Zenith Ratio*** 1 : 1
Efficiency 95.2% * 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	1419	1419	1419	1419	1419	
5	1410	1412	1413	1416	1416	137
15	1336	1347	1368	1390	1392	386
25	1212	1231	1260	1302	1311	582
35	1043	1067	1100	1140	1155	686
45	828	851	855	861	868	652
55	540	542	503	470	467	448
65	161	164	159	148	142	163
75	18	13	8	4	3	15
85	4	0	0	0	0	1
90	0	0	0	0	0	
95	106	147	86	61	64	158
105	562	907	967	843	828	896
115	1029	1375	1717	1779	1813	1548
125	1475	1745	2182	2371	2423	1838
135	1882	2085	2410	2686	2778	1835
145	2229	2368	2609	2788	2854	1614
155	2496	2586	2741	2858	2902	1256
165	2690	2731	2806	2865	2886	792
175	2793	2800	2816	2829	2832	273
180	2808	2808	2808	2808	2808	



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	95	95	95	95	85	85	85	65	65	65	22						
1	87	84	80	77	77	74	72	57	55	54	19						
2	80	73	68	64	71	66	61	51	48	45	17						
3	73	65	58	53	65	58	53	45	41	38	15						
4	67	57	50	45	59	51	45	40	36	33	13						
5	61	51	44	39	54	46	40	36	31	28	11						
6	56	46	38	33	50	41	35	32	28	24	10						
7	52	41	34	29	46	37	31	29	25	21	9						
8	48	37	30	25	43	33	27	26	22	19	8						
9	45	34	27	22	40	30	25	24	20	17	7						
10	42	31	24	20	37	28	22	22	18	15	6						

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	7674	7149	6637
65	3105	3067	2739
75	567	252	94
85	374	0	0

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

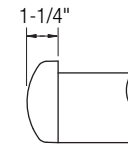
Additional Information

Modules

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

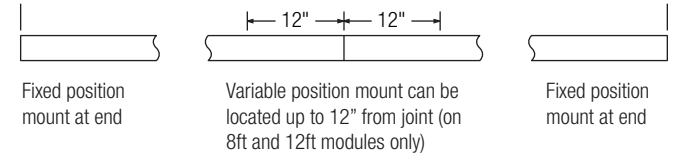
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



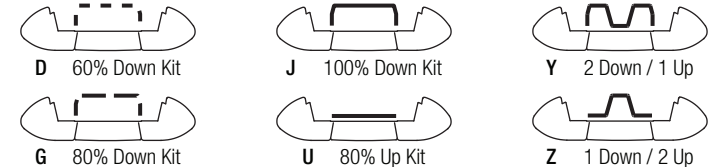
Mounting in Runs

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.