

Achieva®

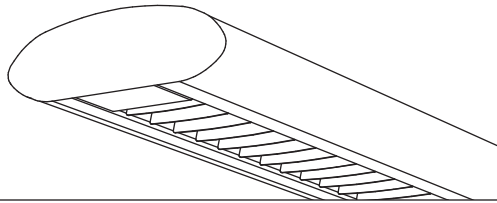


Project Name

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

Upgrades & Accessories

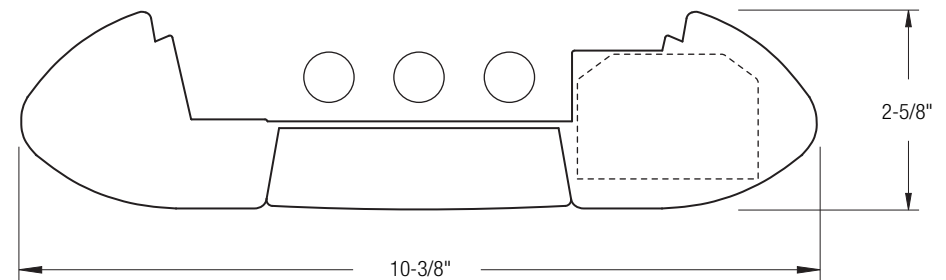
Please indicate with check mark.

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
3 T5HO



Photometry Optics PD Semi-Specular Louver w/ 60% Down Kit

Report Summary

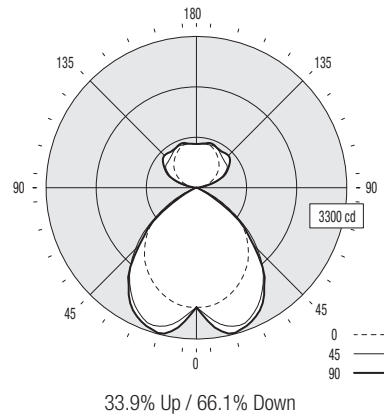
Report # 9900228
Filename 8816H03PD.ies
Efficiency 74.8%

Peak Candela Value* 1020 @ 163°
Peak to Zenith Ratio* 1.1 : 1

* Between 90-180° vertical angle

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	2610	2610	2610	2610	2610	277
5	2606	2699	2811	2898	2924	853
15	2489	2838	3129	3280	3280	1328
25	2267	2790	2999	3081	3094	1548
35	1971	2517	2554	2596	2592	1411
45	1565	1954	1896	1811	1775	928
55	1038	1209	1048	996	915	283
65	294	342	309	195	133	28
75	30	26	16	9	7	2
85	4	2	1	0	0	88
90	0	0	0	0	0	368
95	50	81	70	79	43	594
105	208	333	407	382	345	685
115	391	507	658	702	698	664
125	559	640	825	887	883	569
135	702	766	851	974	993	444
145	815	858	914	961	962	278
155	915	915	984	1002	994	93
165	982	972	973	1005	1012	
175	970	968	964	963	961	
180	955	955	955	955	955	



Coefficients of Utilization (%)

Ceiling: Walk:	80				70				50				0									
	70	50	30	10	70	50	30	10	50	30	10	0	70	50	30	10						
0 RCR	82	82	82	82	77	77	77	68	68	68	47	76	74	71	69	72	69	67	61	60	58	42
1	76	74	71	69	66	62	58	55	52	50	37	70	65	61	58	61	55	51	49	46	43	33
2	65	58	53	49	61	55	51	49	46	43	33	60	52	47	42	56	49	45	44	40	37	29
3	55	47	41	37	52	44	39	40	36	33	25	51	42	36	32	48	40	35	36	32	29	22
4	47	38	33	29	44	36	31	33	29	26	20	44	35	29	25	41	33	28	30	26	23	18
5	44	35	29	25	41	33	28	30	26	23	18	41	32	26	23	38	30	25	28	23	21	16
6	38	29	24	20	38	29	24	20	25	21	15	38	29	24	20	36	28	23	25	21	19	15

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	14752	14894	13004
65	5671	5960	2565
75	945	504	220
85	374	94	0

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

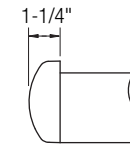
Additional Information

Modules

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

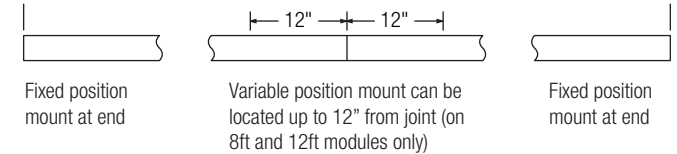
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



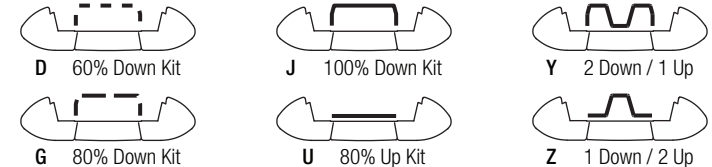
Mounting in Runs

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.