

Achieva®



Project Name

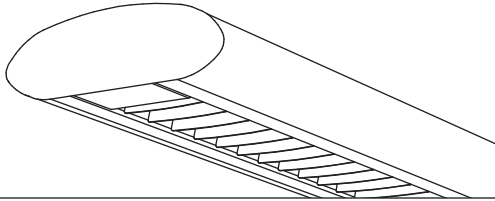
Spec Type

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	<input type="text"/>	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>
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		
		* 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				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.

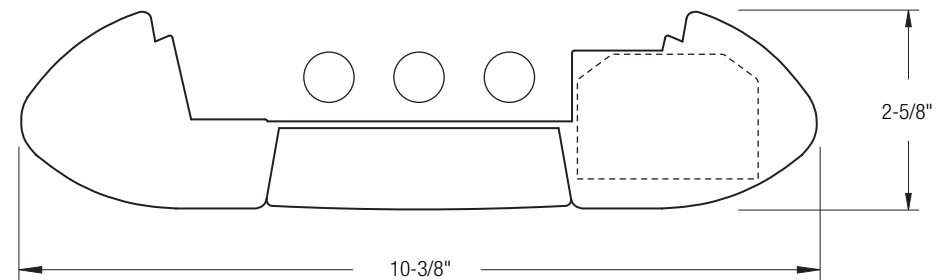
Lamps Included

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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Direct/Indirect
3 T5HO



Photometry Optics RD Specular VDT Louver w/ 60% Down Kit

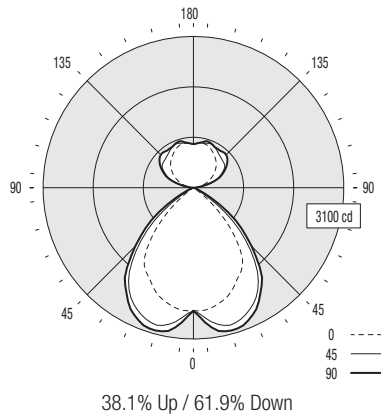
Report Summary

Report # 2101312 **Peak Candela Value*** 993 @ 163°
Filename 8816H03RD.ies **Peak to Zenith Ratio*** 1.1 : 1
Efficiency 63.8% * 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	2523	2523	2523	2523	2523	264
5	2386	2648	2918	3002	3030	795
25	2101	2573	2751	2825	2881	1222
35	1761	2181	2332	2337	2451	1384
45	889	1145	1521	1612	1697	1070
55	118	219	551	738	862	460
65	9	11	28	133	147	76
75	6	7	7	6	7	11
85	4	5	6	5	5	6
90	5	8	10	12	10	
95	56	80	94	78	52	96
105	195	306	392	367	354	352
115	364	475	624	648	657	556
125	526	601	789	832	846	648
135	666	730	824	941	952	637
145	769	834	881	926	935	549
155	866	881	958	961	959	428
165	927	926	944	983	987	270
175	909	913	913	918	915	89
180	894	894	894	894	894	



Coefficients of Utilization (%)

Ceiling: Walk:	80				70				50				0
	70	50	30	10	70	50	30	10	50	30	10	0	
0 RCR	69	69	69	69	65	65	65	56	56	56	37		
1	65	62	60	58	60	58	57	51	50	49	34		
2	60	56	52	50	56	52	49	46	44	42	30		
3	55	50	46	43	52	47	44	42	39	37	27		
4	51	45	41	37	48	42	39	38	35	32	24		
5	47	41	36	32	44	38	34	34	31	28	22		
6	44	37	32	29	41	35	31	31	28	25	19		
7	41	33	29	25	38	32	28	29	25	23	17		
8	38	31	26	23	36	29	25	26	23	20	16		
9	35	28	24	21	33	27	23	24	21	18	14		
10	33	26	21	19	31	25	21	22	19	17	13		

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	988	4614	7219
65	102	318	1671
75	111	130	130
85	220	331	276

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

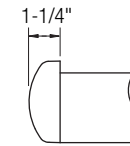
Additional Information

Modules

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

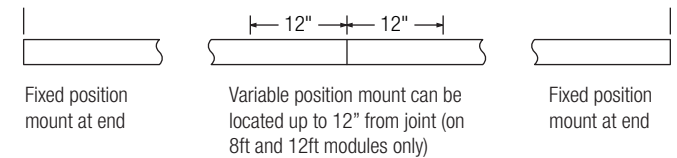
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



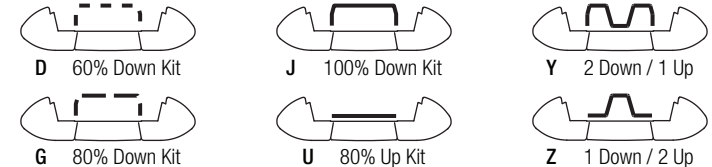
Mounting in Runs

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.