

Achieva®



Project Name

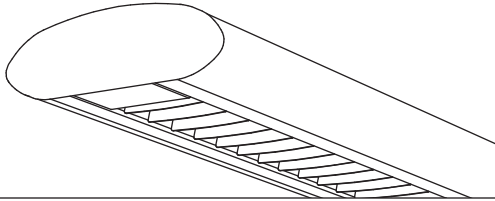
Spec Type

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											
<input type="text"/>						<input type="text"/>					
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>					
See details on reverse		See details on reverse		See details on reverse	Consult website for complete list of standard wiring options						

Upgrades & Accessories

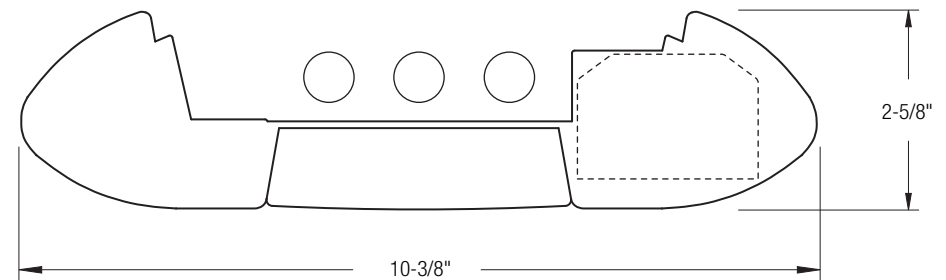
Please indicate with check mark.

Lamps Included Lamps Included and Installed

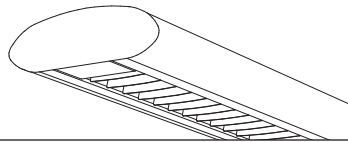
Lamp Guard
Not available with upper optics option U



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



Suspended
Direct/Indirect
3 T5HO



Photometry Optics RY Specular VDT Louver w/ 2 Down / 1 Up Kit

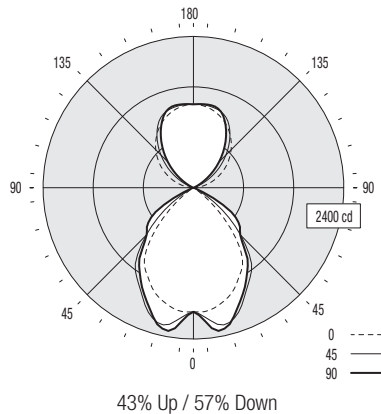
Report Summary

Report # 2101317 **Peak Candela Value*** 1339 @ 168°
Filename 8816H03RY.ies **Peak to Zenith Ratio*** 1 : 1
Efficiency 47.8% * 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	1969	1969	1969	1969	1969	
5	1975	2005	2060	2136	2125	204
15	1866	2045	2215	2204	2241	597
25	1651	1969	1919	1846	1863	861
35	1364	1551	1615	1497	1512	942
45	693	803	1067	1035	1056	730
55	98	135	417	651	826	373
65	7	9	21	94	178	69
75	4	7	7	7	8	8
85	5	4	5	5	5	4
90	3	3	4	4	5	
95	59	6	6	5	6	14
105	249	85	14	9	10	66
115	452	324	159	50	43	197
125	657	597	439	280	266	397
135	850	859	734	590	576	556
145	1022	1059	1016	904	894	614
155	1161	1193	1231	1183	1178	547
165	1261	1277	1309	1326	1333	367
175	1316	1319	1326	1331	1332	129
180	1323	1323	1323	1323	1323	



Coefficients of Utilization (%)

Ceiling: Walk:	80				70				50				0
	70	50	30	10	70	50	30	10	50	30	10	0	
0 RCR	52	52	52	52	48	48	48	41	41	41	27		
1	48	46	45	43	45	43	42	37	36	36	24		
2	44	41	39	37	41	39	37	34	32	31	22		
3	41	37	34	32	38	35	32	30	28	27	19		
4	38	33	30	27	35	31	28	28	25	24	17		
5	35	30	26	24	33	28	25	25	23	21	15		
6	32	27	24	21	30	26	22	23	20	18	14		
7	30	25	21	19	28	23	20	21	18	16	12		
8	28	23	19	17	26	21	18	19	17	15	11		
9	26	21	17	15	25	20	17	18	15	13	10		
10	25	19	16	14	23	18	15	16	14	12	9		

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	821	3492	6918
65	80	239	2023
75	74	130	148
85	276	276	276

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

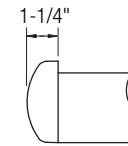
Additional Information

Modules

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

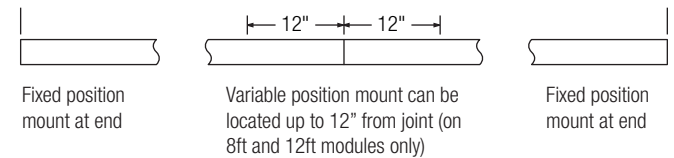
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



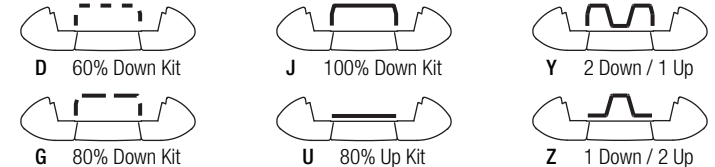
Mounting in Runs

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.