

Achieva®

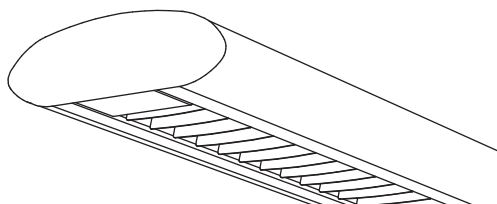


Project Name

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	
		* 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

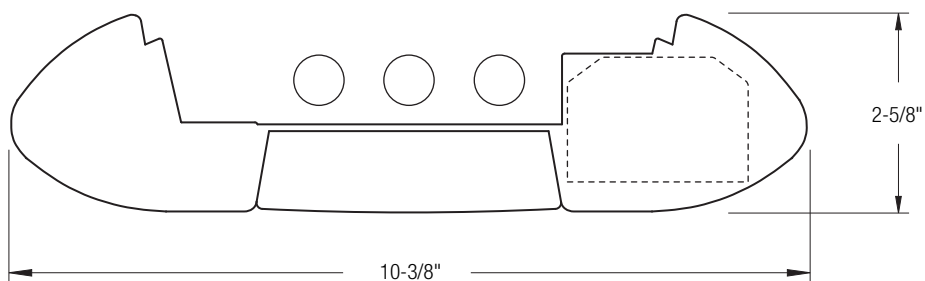
Please indicate with check mark.

Lamps Included Lamps Included and Installed

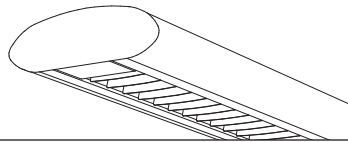
Lamp Guard
Not available with upper optics option U



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



Suspended
Direct/Indirect
3 T5HO



Photometry Optics RJ Specular VDT Louver w/ 100% Down Kit

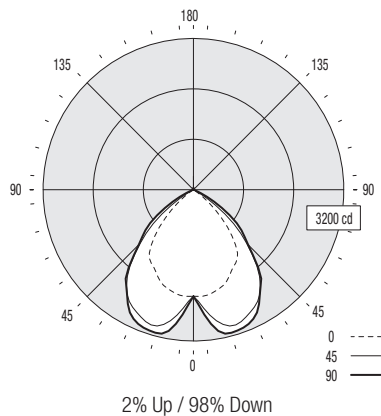
Report Summary

Report # 2101314 **Peak Candela Value*** N/A
Filename 8816H03RJ.ies **Peak to Zenith Ratio*** N/A : 1
Efficiency 39% * 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	2255	2255	2255	2255	2255	
5	2262	2387	2518	2657	2652	251
15	2158	2629	2985	3097	3133	797
25	1904	2674	2860	2960	3015	1255
35	1637	2301	2481	2433	2492	1434
45	842	1244	1598	1585	1644	1096
55	113	201	575	726	945	470
65	6	5	24	111	172	70
75	1	1	1	1	1	3
85	0	0	0	0	0	0
90	0	1	2	2	2	2
95	1	3	4	4	5	4
105	4	5	5	6	6	5
115	6	7	7	8	8	8
125	6	9	11	10	10	8
135	8	14	14	15	15	11
145	9	19	19	19	20	12
155	10	15	27	26	27	11
165	10	13	18	32	31	6
175	11	11	12	13	13	1
180	11	11	11	11	11	



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	46	46	46	46	45	45	45	43	43	43	38					
1	43	42	41	40	42	41	40	39	38	38	35					
2	40	38	36	34	39	37	36	36	34	33	31					
3	38	34	32	30	37	34	32	33	31	29	28					
4	35	31	29	27	34	31	28	30	28	26	25					
5	33	29	26	24	32	28	25	27	25	23	22					
6	30	26	23	21	30	26	23	25	23	21	20					
7	28	24	21	19	28	24	21	23	20	19	18					
8	26	22	19	17	26	22	19	21	19	17	16					
9	25	20	17	16	24	20	17	20	17	15	15					
10	23	19	16	14	23	18	16	18	16	14	13					

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	946	4815	7914
65	68	273	1955
75	19	19	19
85	0	0	0

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

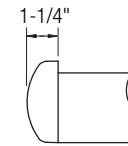
Additional Information

Modules

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

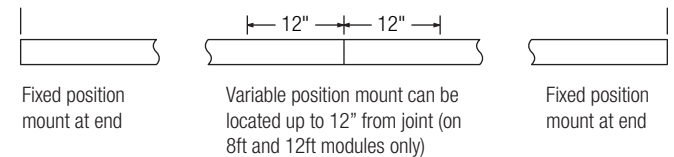
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



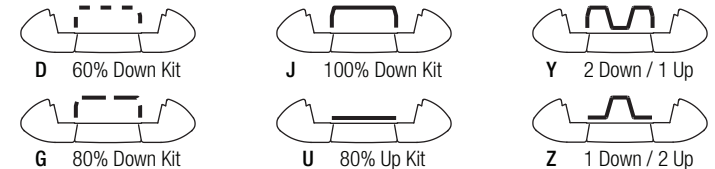
Mounting in Runs

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.