

Achieva®

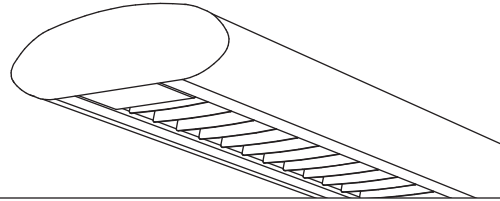


Project Name

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

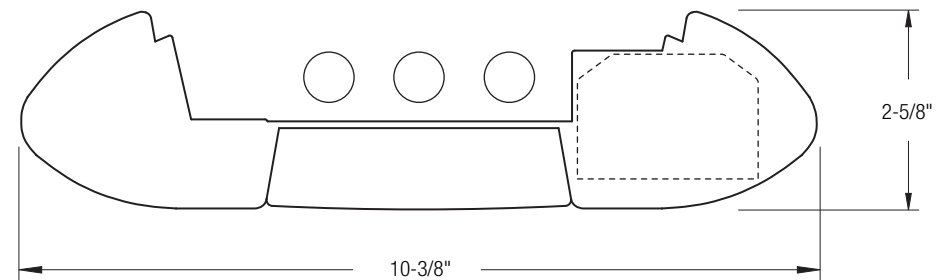
Please indicate with check mark.

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



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Suspended
Direct/Indirect
3 T5HO



Photometry Optics RG Specular VDT Louver w/ 80% Down Kit

Report Summary

Report # 2101313
Filename 8816H03RG.ies
Efficiency 55%

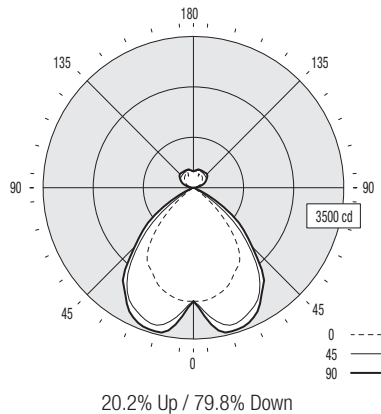
Peak Candela Value* 445 @ 138°
Peak to Zenith Ratio* 1.2 : 1

* 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	2628	2628	2628	2628	2628	
5	2629	2728	2870	3006	2987	284
15	2502	2930	3295	3380	3440	886
25	2217	2946	3142	3207	3312	1385
35	1879	2492	2698	2655	2818	1578
45	984	1330	1738	1799	1936	1220
55	152	239	633	849	1091	538
65	9	9	31	148	214	91
75	3	5	5	6	7	8
85	2	3	3	3	3	5
90	4	4	7	7	7	
95	32	46	59	49	31	54
105	101	153	199	176	163	174
115	173	235	295	300	301	263
125	236	284	370	379	383	299
135	295	327	386	435	444	293
145	339	364	402	430	437	248
155	374	389	415	432	439	188
165	391	408	417	436	439	119
175	383	390	394	398	396	39
180	377	377	377	377	377	



Coefficients of Utilization (%)

Ceiling: Wall:	80				70				50				0
	70	50	30	10	70	50	30	50	30	10	0	0	
0 RCR	62	62	62	62	59	59	59	54	54	54	42		
1	58	56	54	53	55	54	52	49	48	47	38		
2	54	51	48	45	52	49	46	45	43	41	34		
3	50	46	42	39	48	44	41	41	38	36	31		
4	46	41	37	35	44	40	36	37	34	32	27		
5	43	37	33	30	41	36	32	34	31	28	24		
6	40	34	30	27	38	33	29	31	28	25	22		
7	37	31	27	24	36	30	26	28	25	23	20		
8	35	28	24	22	33	28	24	26	23	20	18		
9	33	26	22	20	31	25	22	24	21	19	16		
10	31	24	20	18	29	23	20	22	19	17	15		

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	1273	5301	9137
65	102	352	2432
75	56	93	130
85	110	165	165

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

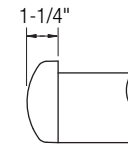
Additional Information

Modules

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

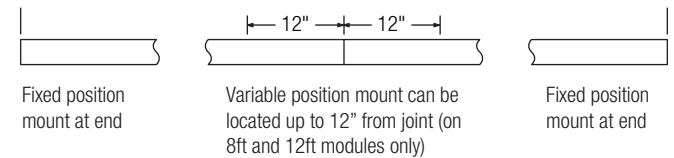
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



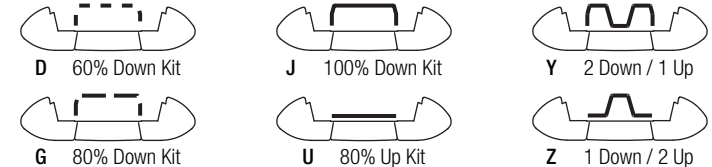
Mounting in Runs

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.