

Achieva®

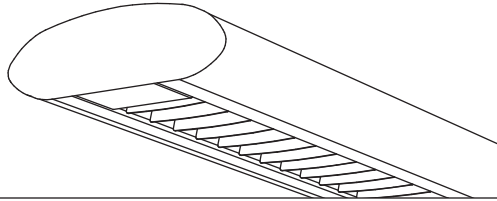


Project Name

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	
		* Number of louver cells per 4ft section See details on reverse		See details on reverse	See details on reverse	Mounting Hardware <input type="text"/> <input type="text"/> Mount Type <input type="text"/> Suspension Length <input type="text"/> Consult separate mounting spec sheet for mount type options <i>Enter distance from ceiling to top of fixture in inches</i>			

Upgrades & Accessories

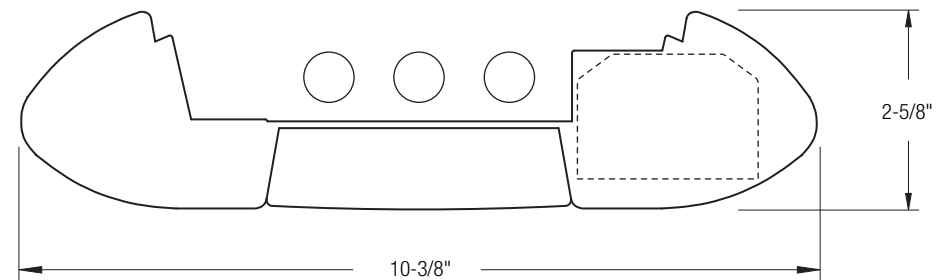
Please indicate with check mark.

Lamps Included Lamps Included and Installed

Lamp Guard
Not available with upper optics option U

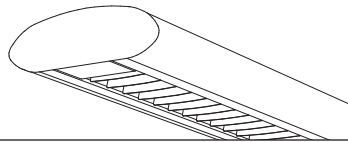


Response Daylight (Integrated Controls)
For details visit www.ledalite.com/response



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Direct/Indirect
3 T5HO



Photometry Optics SN Specular Louver

Report Summary

Report # 9900109
Filename 8816H03SN.ies
Efficiency 93.2%

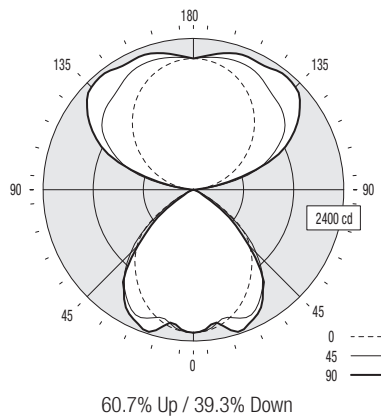
Peak Candela Value* 2329 @ 143°
Peak to Zenith Ratio* 1.1 : 1

* 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	2269	2269	2269	2269	2269	215
5	2252	2253	2245	2235	2225	616
15	2129	2117	2096	2248	2308	967
25	1907	1879	2190	2248	2266	1150
35	1608	1744	1918	1939	1934	1045
45	1278	1443	1415	1328	1251	613
55	754	869	680	567	520	161
65	161	199	153	111	116	9
75	9	5	2	1	1	0
85	3	0	0	0	0	151
90	0	0	0	0	0	789
95	78	158	96	52	52	1293
105	380	727	899	831	796	1489
115	728	1076	1434	1572	1625	1461
125	1065	1331	1785	1993	2061	1261
135	1373	1595	1926	2218	2302	970
145	1639	1818	2024	2222	2311	605
155	1846	1970	2139	2241	2273	205
165	1995	2056	2149	2220	2244	
175	2071	2086	2107	2124	2129	
180	2082	2082	2082	2082	2082	



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	96	96	96	96	87	87	87	70	70	70	34					
1	89	85	82	79	80	78	75	63	61	60	30					
2	82	75	70	66	74	69	64	56	53	51	27					
3	75	67	61	56	68	61	56	50	46	43	23					
4	69	59	53	48	62	54	49	45	41	37	21					
5	63	53	46	41	57	49	43	40	36	32	18					
6	58	48	41	36	53	44	38	36	32	28	16					
7	54	43	36	31	49	40	33	33	28	25	14					
8	50	39	32	28	45	36	30	30	25	22	13					
9	46	36	29	25	42	33	27	27	23	20	12					
10	43	33	26	22	39	30	24	25	21	18	11					

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	6315	5695	4355
65	1830	1739	1318
75	167	37	19
85	165	0	0

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

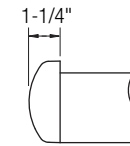
Additional Information

Modules

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

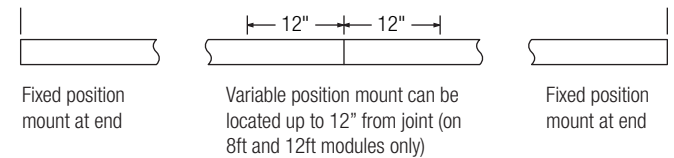
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



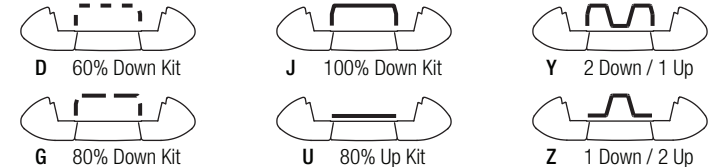
Mounting in Runs

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.