

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	Consult website for complete list of standard wiring options	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

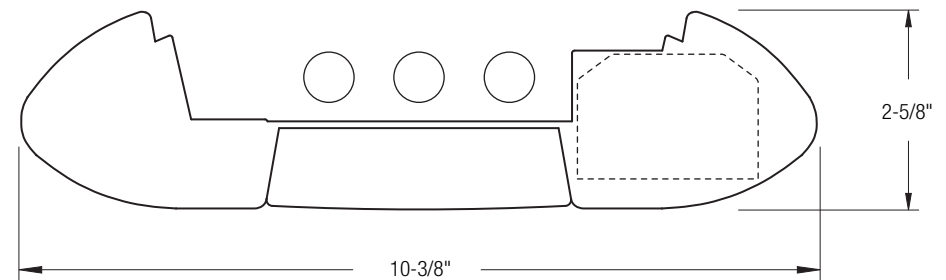
Please indicate with check mark.

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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Photometry Optics PY Semi-Specular Louver w/ 2 Down / 1 Up Kit

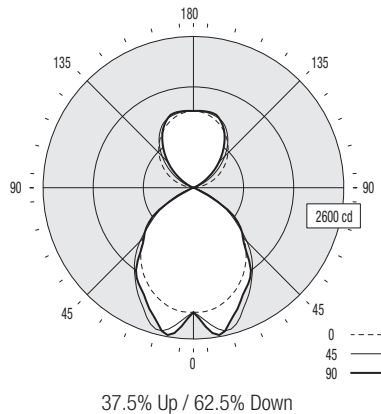
Report Summary

Report # 9900247 **Peak Candela Value*** 1330 @ 168°
Filename 8816H03PY.ies **Peak to Zenith Ratio*** 1 : 1
Efficiency 56.9% * 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	2142	2142	2142	2142	2142	225
5	2140	2197	2288	2348	2395	668
15	2041	2306	2516	2489	2405	972
25	1844	2256	2160	2098	2027	1098
35	1577	1878	1776	1768	1733	996
45	1236	1400	1312	1232	1208	723
55	796	856	773	848	856	244
65	235	243	293	204	95	22
75	23	22	13	8	5	2
85	3	2	2	1	1	11
90	0	0	0	0	0	73
95	35	6	5	4	5	224
105	237	102	20	12	11	429
115	451	350	191	85	58	581
125	655	621	470	347	309	626
135	845	868	767	659	625	549
145	1012	1054	1036	961	930	365
155	1150	1183	1227	1206	1190	128
165	1252	1270	1298	1321	1324	
175	1310	1314	1321	1325	1326	
180	1319	1319	1319	1319	1319	



Coefficients of Utilization (%)

Ceiling: Walk:	80				70				50				0
	70	50	30	10	70	50	30	10	50	30	10	0	
0 RCR	62	62	62	62	58	58	58	51	51	51	35		
1	58	56	54	52	54	52	51	46	45	44	31		
2	53	49	46	44	50	47	44	41	39	37	27		
3	49	44	40	37	46	42	38	37	34	32	24		
4	45	39	35	32	42	37	33	33	30	28	21		
5	42	35	31	28	39	33	30	30	27	24	19		
6	38	32	27	24	36	30	26	27	24	22	16		
7	36	29	25	21	33	27	23	25	21	19	15		
8	33	26	22	19	31	25	21	23	19	17	13		
9	31	24	20	17	29	23	19	21	18	15	12		
10	29	22	18	15	27	21	17	19	16	14	11		

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	11313	10986	12165
65	4533	5651	1832
75	724	409	157
85	281	187	94

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

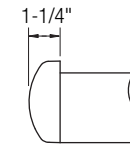
Additional Information

Modules

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

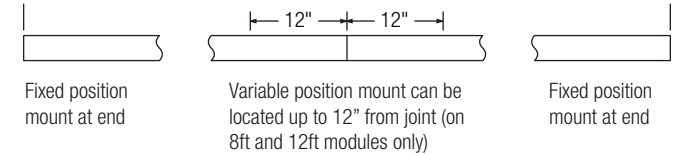
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



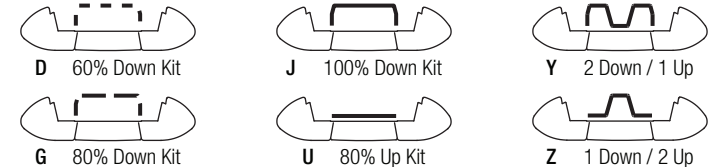
Mounting in Runs

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.