

Achieva®

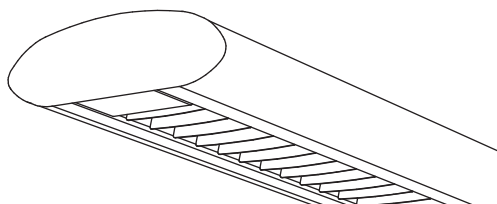


Project Name

Spec Type

Notes

Suspended
Direct/Indirect
2 T5HO



Order Guide

Some combinations of product options may not be available. Consult factory for assistance with your specification.


8816	H02			-		-		-	
Product Series & Type Achieva Direct/Indirect	Lamping 2 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	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

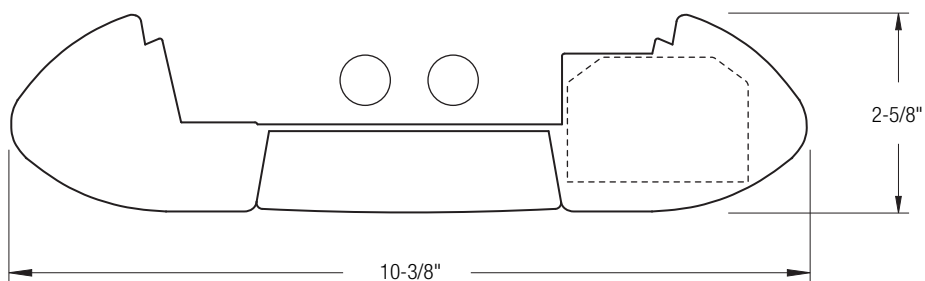
Please indicate with check mark.

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 RN Specular VDT Louver

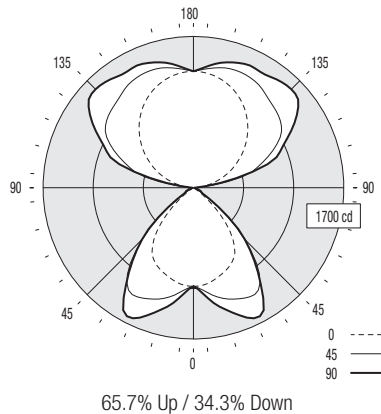
Report Summary

Report # 2101272 **Peak Candela Value*** 1565 @ 135°
Filename 8816H02RN.ies **Peak to Zenith Ratio*** 1.2 : 1
Efficiency 87.5% * Between 90-180° vertical angle

Meets RP-1-04 recommendations for VDT-Intensive spaces

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	1109	1109	1109	1109	1109	
5	1102	1119	1152	1193	1192	114
15	1045	1134	1287	1406	1419	361
25	969	1134	1369	1568	1619	616
35	808	1038	1310	1307	1328	728
45	434	595	810	752	821	529
55	63	106	220	187	230	168
65	7	11	21	65	92	37
75	6	9	9	11	11	12
85	7	9	11	14	14	12
90	6	10	11	11	13	
95	70	136	77	40	52	122
105	257	519	682	639	693	595
115	472	723	992	1045	1119	883
125	676	893	1214	1361	1428	1008
135	866	1054	1283	1492	1565	974
145	1032	1181	1354	1472	1520	830
155	1163	1272	1400	1487	1515	635
165	1254	1314	1394	1446	1459	391
175	1302	1317	1337	1355	1355	131
180	1309	1309	1309	1309	1309	



Coefficients of Utilization (%)

Ceiling:	80				70				50				0
	70	50	30	10	70	50	30	10	50	30	10	0	
0 RCR	89	89	89	89	80	80	80	63	63	63	27		
1	82	79	76	73	74	71	69	57	55	54	25		
2	76	70	65	61	68	63	59	51	48	46	22		
3	69	62	56	52	62	56	51	45	42	39	20		
4	64	55	49	44	57	50	45	41	37	34	17		
5	59	50	43	38	53	45	40	37	33	30	16		
6	54	45	38	33	49	41	35	33	29	26	14		
7	50	40	34	29	45	37	31	30	26	23	13		
8	46	37	30	26	42	33	28	27	23	21	11		
9	43	33	27	23	39	30	25	25	21	18	10		
10	40	30	25	21	36	28	23	23	19	16	9		

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	528	1842	1926
65	80	239	1046
75	111	167	204
85	386	606	772

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

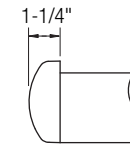
Additional Information

Modules

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

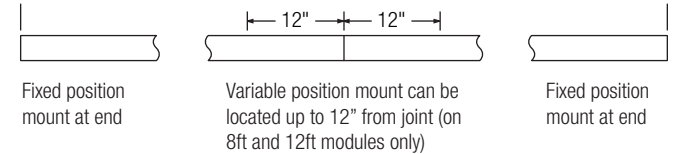
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



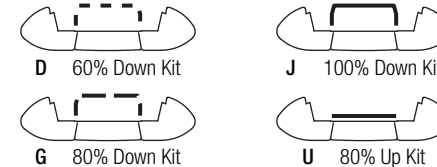
Mounting in Runs

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.