

Achieva®

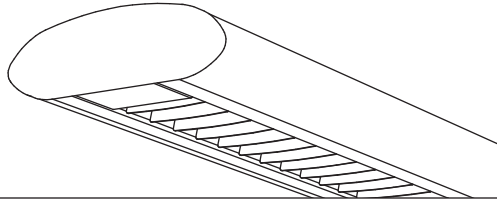


Project Name

Spec Type

Notes

Suspended
Direct/Indirect
3 T8





Order Guide

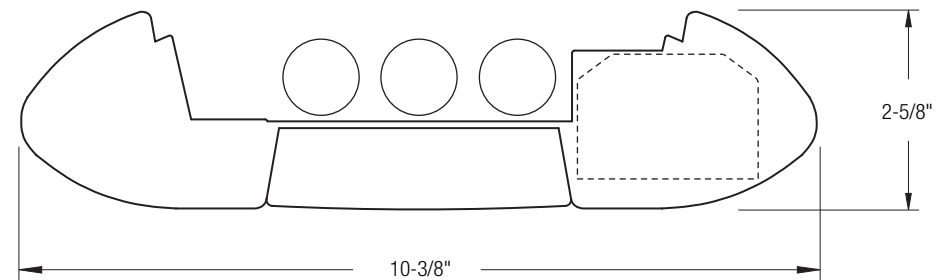
Some combinations of product options may not be available. Consult factory for assistance with your specification.

8816	T03			-		-		-		
Product Series & Type Achieva Direct/Indirect	Lamping 3 T8	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 <input type="text"/> <input type="text"/>	
		* 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	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.

<input type="checkbox"/> Lamps Included	<input type="checkbox"/> Lamps Included and Installed
<input type="checkbox"/> Lamp Guard Not available with upper optics option U 	<input type="checkbox"/> Dust Cover 
<input type="checkbox"/> Response Daylight (Integrated Controls) For details visit www.ledalite.com/response	





Photometry Optics RN Specular VDT Louver

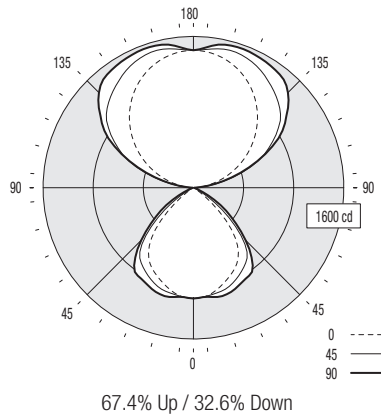
Report Summary

Report # 2101271 **Peak Candela Value*** 1560 @ 160°
Filename 8816T03RN.ies **Peak to Zenith Ratio*** 1.1 : 1
Efficiency 85.3% * 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	1172	1172	1172	1172	1172	113
5	1163	1160	1163	1162	1162	320
15	1087	1088	1135	1176	1187	491
25	985	1007	1070	1120	1141	594
35	834	875	970	1041	1087	498
45	489	535	716	730	784	232
55	84	110	286	361	425	52
65	7	11	24	79	113	11
75	6	10	10	10	10	8
85	7	7	8	9	9	98
90	5	7	8	8	8	426
95	68	78	92	59	73	746
105	274	412	449	404	421	924
115	512	697	831	828	844	954
125	746	907	1104	1155	1190	853
135	960	1096	1277	1387	1422	669
145	1144	1257	1382	1480	1520	421
155	1291	1376	1470	1526	1550	143
165	1392	1435	1505	1542	1556	
175	1446	1452	1468	1485	1488	
180	1454	1454	1454	1454	1454	



Coefficients of Utilization (%)

Ceiling: Walk:	80				70				50				0
	70	50	30	10	70	50	30	10	50	30	10	0	
0 RCR	87	87	87	87	78	78	78	62	62	62	26		
1	80	77	74	71	72	69	67	55	53	52	23		
2	73	68	63	59	66	61	57	49	46	44	21		
3	67	60	55	50	60	54	50	44	40	38	18		
4	62	54	47	43	56	49	43	39	35	33	16		
5	57	48	42	37	51	43	38	35	31	28	14		
6	52	43	37	32	47	39	34	32	28	25	13		
7	48	39	32	28	44	35	30	29	25	22	11		
8	45	35	29	25	40	32	27	26	22	19	10		
9	42	32	26	22	38	29	24	24	20	17	9		
10	39	29	23	20	35	27	22	22	18	16	8		

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	703	2395	3559
65	80	273	1284
75	111	186	186
85	386	441	496

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

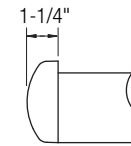
Additional Information

Modules

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

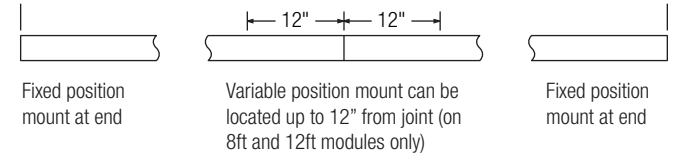
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



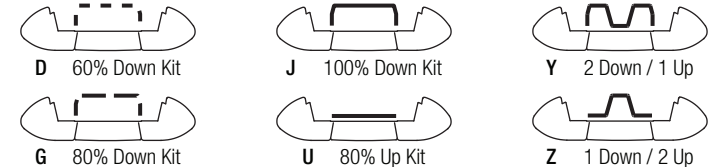
Mounting in Runs

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.