

Achieva®



Project Name

Spec Type

Notes

Suspended
Direct/Indirect
2 T8





Order Guide

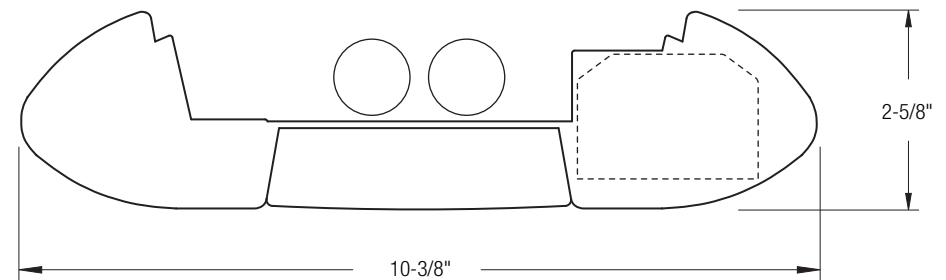
Some combinations of product options may not be available. Consult factory for assistance with your specification.

8816	T02			-		-		-		
Product Series & Type Achieva Direct/Indirect	Lamping 2 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	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"/> Mount Type <input type="text"/> Suspension Length <input type="text"/> <i>Enter distance from ceiling to top of fixture in inches</i> Consult separate mounting spec sheet for mount type 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					

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 SG Specular Louver w/ 80% Down Kit

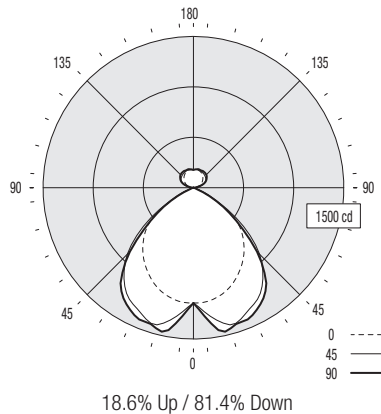
Report Summary

Report # 9900170 **Peak Candela Value*** 190 @ 148°
Filename 8816T02SG.ies **Peak to Zenith Ratio*** 1.1 : 1
Efficiency 64.8% * 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	1144	1144	1144	1144	1144	
5	1142	1184	1234	1271	1280	121
15	1095	1253	1408	1452	1443	378
25	997	1266	1326	1390	1394	596
35	865	1150	1194	1238	1253	721
45	700	944	934	929	897	687
55	463	599	517	462	440	449
65	116	155	148	120	105	139
75	6	6	3	3	1	8
85	1	0	0	0	0	0
90	0	0	0	0	0	0
95	11	19	22	17	10	22
105	48	72	86	77	68	76
115	83	103	125	132	130	115
125	109	124	151	159	161	128
135	133	143	163	178	182	124
145	155	161	173	185	188	108
155	172	175	180	185	187	84
165	181	185	184	189	190	52
175	179	181	182	182	182	18
180	177	177	177	177	177	



Coefficients of Utilization (%)

Ceiling: Wall:	80				70				50				0										
	70	50	30	10	70	50	30	10	50	30	10	0	70	50	30	10	0						
0 RCR	74	74	74	74	71	71	71	65	65	65	65	52	69	67	64	63	66	64	62	59	58	56	47
1	69	67	64	63	66	64	62	59	58	56	47	64	62	59	58	56	47	64	62	59	58	56	47
2	64	59	56	53	61	57	54	53	51	48	41	61	57	54	53	51	48	41	61	57	54	53	41
3	59	53	49	45	56	51	47	48	44	42	36	56	51	47	48	44	42	36	56	51	47	48	36
4	54	48	43	39	52	46	42	43	39	36	31	52	46	42	43	39	36	31	52	46	42	43	31
5	50	43	38	34	48	41	37	39	35	32	27	48	41	37	39	35	32	27	48	41	37	39	27
6	46	39	33	30	44	37	33	35	31	28	24	44	37	33	35	31	28	24	44	37	33	35	24
7	43	35	30	26	41	34	29	32	28	25	22	41	34	29	32	28	25	22	41	34	29	32	22
8	40	32	27	24	38	31	26	29	25	22	19	38	31	26	29	25	22	19	38	31	26	29	19
9	37	29	24	21	36	28	24	27	23	20	17	36	28	24	27	23	20	17	36	28	24	27	17
10	35	27	22	19	33	26	22	25	21	18	16	33	26	22	25	21	18	16	33	26	22	25	16

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	3878	4330	3685
65	1318	1682	1193
75	111	56	19
85	55	0	0

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

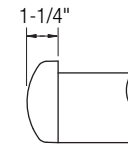
Additional Information

Modules

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

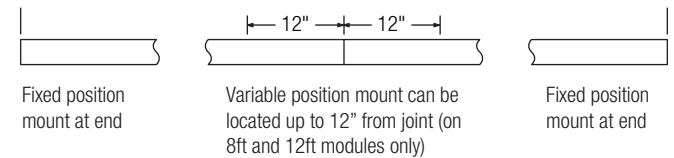
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap



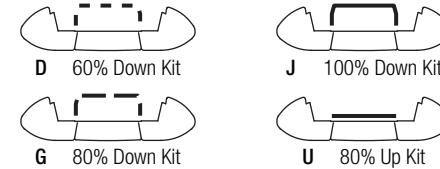
Mounting in Runs

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.