Achieva®

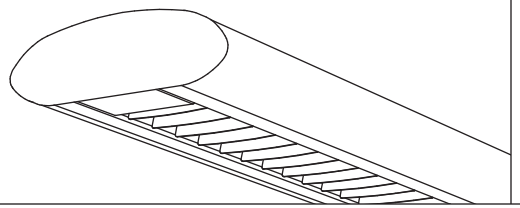
LEDALITE

Suspended

Direct/Indirect

3 T8

RESPONSE® airwave™



Project Name

Spec Type

Notes

Order Guide

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

8816	T03			–		–		–		–		–	
Product Series & Type	Lamping	Lower Optics	Upper Optics		Run Length		Wiring		Voltage		Ballast		Color & Finish
Achieva Direct/Indirect	3 T8	**W** White Louver (34*) **P** Semi-Specular Louver (15*) **S** Specular Louver (15*) **M** Semi-Specular VDT Louver (30*) **R** Specular VDT Louver (30*) * Number of louver cells per 4ft section See details on reverse	**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 See details on reverse		*Enter the total run length in feet (4ft increments)* See details on reverse		**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 Consult website for complete list of standard wiring options		**1** 120V **2** 277V **3** 347V		**E** Standard Ballast Consult website for ballast manufacturer information		**W** Standard White **C** Factory Color **X** Custom Color Consult website for color and finish options

Mounting Hardware

Mount Type	Suspension Length	
Consult separate mounting spec sheet for mount type options	*Enter distance from ceiling to top of fixture in inches*	

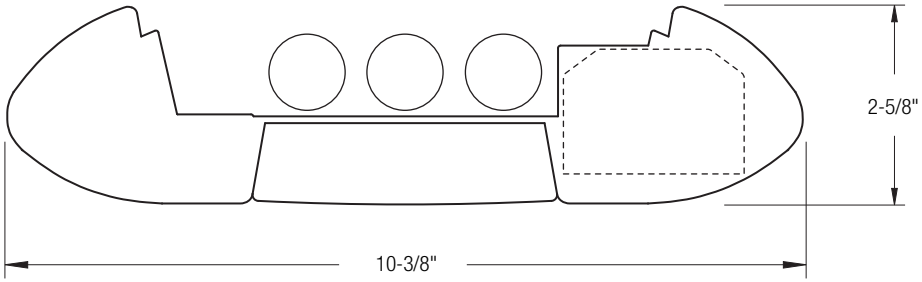
Upgrades & Accessories

Please indicate with check mark.

- ☐ Lamps Included
- ☐ Lamps Included and Installed
- ☐ Lamp Guard
  Not available with upper optics option U

- ☐ Dust Cover

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



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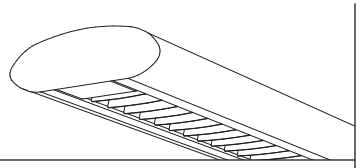


Photometry

Optics RZ Specular VDT Louver w/ 1 Down / 2 Up Kit

Report Summary

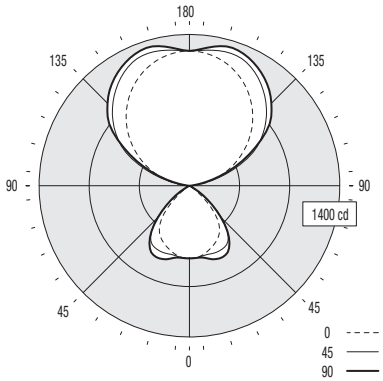
Report # 2101283
Filename 8816T03RZ.ies
Efficiency 60.9%

Peak Candela Value* 1337 @ 163°
Peak to Zenith Ratio* 1.1 : 1
* Between 90-180° vertical angle

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

Candela Distribution

Vertical Angle	Horizontal Angle 0	22.5	45	67.5	90	Zonal Lumens
0	673	673	673	673	673	
5	670	668	670	671	672	65
15	632	633	658	695	700	188
25	577	595	664	716	730	302
35	489	547	626	641	650	368
45	284	319	429	405	414	286
55	47	58	125	130	157	99
65	4	7	9	12	8	11
75	4	5	5	4	4	4
85	5	4	4	3	3	4
90	4	4	5	4	4	
95	63	46	33	21	24	51
105	247	291	275	207	222	267
115	449	529	593	517	544	526
125	649	735	834	839	872	706
135	832	925	1014	1045	1079	759
145	987	1075	1157	1185	1217	707
155	1110	1172	1259	1284	1306	568
165	1197	1226	1284	1322	1335	360
175	1241	1246	1257	1272	1271	122
180	1248	1248	1248	1248	1248	



74.2% Up / 25.8% Down

Coefficients of Utilization (%)

Ceiling:	80				70			50			0
Wall:	70	50	30	10	70	50	30	50	30	10	0
0 RCR	61	61	61	61	54	54	54	42	42	42	15
1	56	54	52	50	50	48	46	37	36	35	13
2	51	47	44	41	46	42	40	33	31	30	12
3	47	42	38	35	42	38	34	29	27	25	10
4	43	37	33	30	38	34	30	26	24	22	9
5	40	33	29	26	35	30	26	24	21	19	8
6	37	30	25	22	33	27	23	21	19	17	7
7	34	27	22	19	30	24	20	19	17	15	7
8	31	24	20	17	28	22	18	18	15	13	6
9	29	22	18	15	26	20	16	16	13	11	5
10	27	20	16	13	24	18	15	15	12	10	5

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle 0	45	90
55	394	1047	1315
65	45	102	91
75	74	93	74
85	276	220	165

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

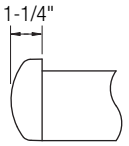
Additional Information

Modules

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

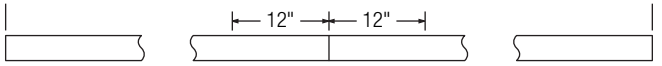
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

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).



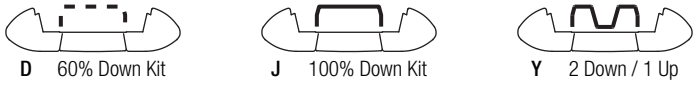
Fixed position mount at end

Variable position mount can be located up to 12" from joint (on 8ft and 12ft modules only)

Fixed position mount at end

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.



D 60% Down Kit
J 100% Down Kit
Y 2 Down / 1 Up
G 80% Down Kit
U 80% Up Kit
Z 1 Down / 2 Up

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.