

FEATURES

- Heavy 20-gauge steel construction provides excellent housing rigidity
- 2½" deep housing for a sleek modern appearance
- Unique die cast aluminum, tongue and groove couplers provide zero tolerance alignment resulting in consistently straight rows
- Patented die cast aluminum end caps for a soft finished appearance (Patent# 6,796,676B2)
- Flat end caps standard (⅝")
- Available with a solid, slotted, or perforated housing
- 4', 8', and 12' fixture housings available
- Unique lamp crossing technique on one and three lamp models maintains 48" modularity
- Available with optional installed open or closed loop daylight sensors (DSPL, DSL) when daylight dimming systems are desired
- UL listed 1598, cUL or CSA, damp label listed.



CURVES

ORDERING INFORMATION

CV	-	-	-	-	-	-	-	-	-	
MODEL	HOUSING TYPE		SUSPENSION LENGTH (CM)		VOLTAGE		FINISH			
CV Cûrv	PERF Perforated (1T8 not recommended on suspended unit)	S Solid	HLST Horizontal Slot Strip	VLST Vertical Slot Strip	48 48"	96 96"	144 144"	U 120V-277V	MW Matte White (Std.)	ZT ZET Metallic Silver
					Other lengths available on request.			120 120V	See Color Selection Guide for other color selections.	
					277 277V		347 347V			

ROW LENGTH	LAMP TYPE & PROFILE	MOUNTING METHOD	BALLAST	OPTIONS
4 4' Single	1T5 1 T5 Lamp	FCM18 Fixed Aircraft Cable Mount (Non-adjustable, Std.) 18"	E Electronic, Instant Start (Std. for T8)	WR White Reflector
8 8' Single	2T5 2 T5 Lamps	CM Adjustable Aircraft Cable Mount	EP Electronic, Programmed Start (Std. for T5 & T5HO, optional for T8)	HRF High Efficiency Reflector
12 12' Single	3T5 3 T5 Lamps		ED Electronic, Dimming (Must specify)	DC Dust Cover (N/A T5HO) ⁴
— Indicate row length over 12' in 4' increments	1T5HO 1 T5HO Lamp		EDS Electronic, Step Dimming	SCE Sculpted Curv End Cap (⅝") ⁴
	2T5HO 2 T5HO Lamps		EDUMK7 Universal Voltage, Electronic Dimming Philips Advance Mark 7 (0-10V) ²	BN Bull Nose End Cap (⅝") ⁴
	3T5HO 3 T5HO Lamps		EDULUTES Universal Voltage, Lutron EcoSystem Digital Dimming Ballast ^{2,5}	LR Left/Right Switching (2-Lamp only)
Note: Rows over 12' will be configured by Alera. Example: 16' will be (2) 8'. Alternate configurations: contact factory.	1T8 1 T8 Lamp (Solid only)			IBOB Inboard/Outboard Switching (3-Lamp only)
	2T8 2 T8 Lamps			EL One Emergency Battery Pack ^{1,2}
	3T8 3 T8 Lamps			F0841 With T8 4100K Lamp Installed
	4T8 4 T8 Lamps			F5841 With T5/T5HO 4100K Lamp Installed
				F0835 With T8 3500K Lamp Installed
				F5835 With T5/T5HO 3500K Lamp Installed
				EMC One Emergency Circuit ^{2,3}
				NLC Night Light Circuit ^{2,3}
				GLR Fast Blow Fuse
				GMF Slow Blow Fuse
				TBAR T-Bar Mounting
				DSPL Philips LuxSense Daylight Sensor (Must Specify Philips Advance 0-10V Dimming Ballast) ²
				DSL Lutron Daylight Sensor (Must Specify Lutron EcoSystem (EC5 Series) Dimming Ballast) ^{2,5}

¹ Specify voltage. For additional, specify quantity before nomenclature (Example: 2EL120).

² Not available with all configurations; some limitations apply. Contact factory for details.

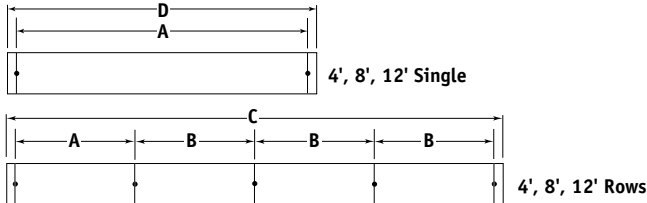
³ One extra feed drop per row. (Standard is one 4ft lamp per circuit.)

⁴ Ships separately

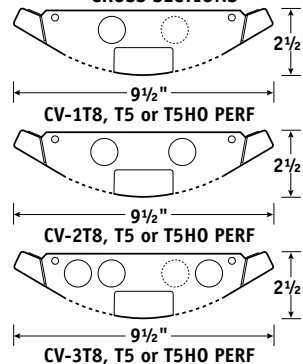
⁵ Lutron EcoSystem Series Ballast. Contact factory for other Lutron ballasts.

Unless specified, Alera will use fewest ballasts possible.

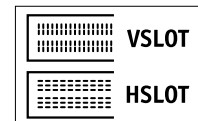
MOUNTING INFORMATION



CROSS SECTIONS



Diagonal lamp placement



For exact slot patterns contact factory.

DATA CHART

NOMINAL LENGTH	APPROX. WEIGHT (LBS.)				A	B	C	D
	1-LAMP	2-LAMP	3-LAMP					
4'	14.8	17.1	19.4	47¼"	48"	192⅝"	48⅝"	
8'	26.3	28.6	30.9	95¼"	96"	384⅝"	96⅝"	
12'	35.5	40.1	42.4	143¾"	144"	576⅝"	144⅝"	

Note: Suspension data is computed using the standard aircraft cable assembly. The use of rigid stems will yield different data. Please consult factory for stem data. Calculations include flat end caps.

Name:	CV-1T8-S-E-WR
Test #:	12991
Efficiency:	97.2%
LER:	86

Definitions on page 182.