
Specification Data

公司名称	
Espen Generic Part No.	
Espen Generic Model No.	VEL100235HVVHDA-10V-1

客户盖章回签		
确认	审核	批准

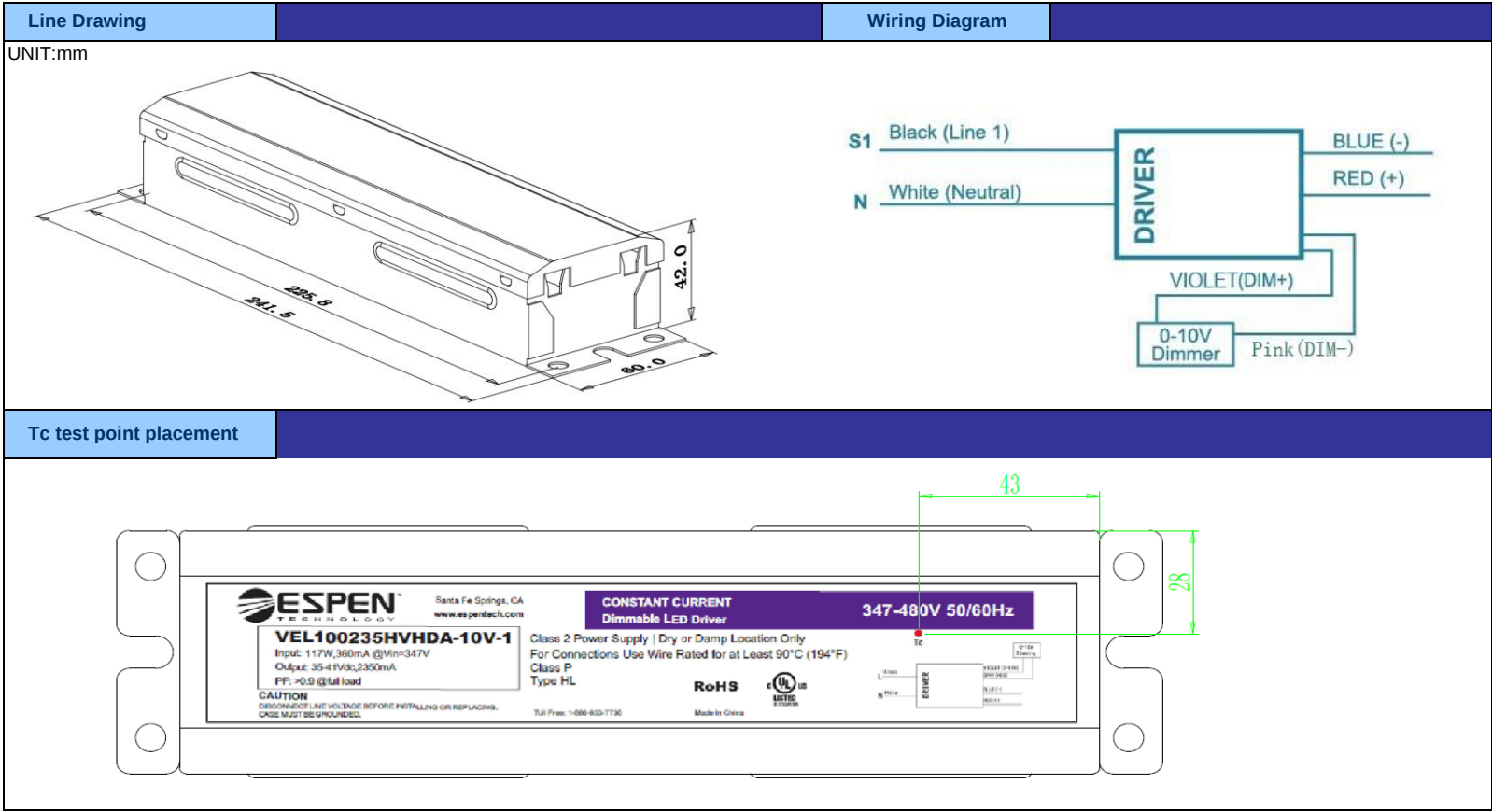
Output	Rated Current	2350 mA		
	Operating Voltage Range (min. ~ max.)	30V-40V		
	Rated Power (Max @W)	94W		
	Output Current ripple(ripple = pk-pk/avg)	10%@2350mA		
	Start Time (Max. ms @ VAC)	1000ms / 347VAC at full load		
	Output Current Regulation (%)	+5%~-5%		
	Output Dimming Range (%)	10%~100%		
Input	Frequency Range	47 ~ 63 Hz		
	Input Voltage Range	347-480VAC (±10%)		
	Power Factor (Min.)	>0.9 at 347-480Vac input,with 60%~100%load conditions		
	THD (Max.)	<20% at 347-480Vac input,with 60%~100%load conditions		
	Efficiency (typ.@347V)	87% (Typical) , >85% @ full load		
	Input AC Current (Max. @ VAC)	0.35A @ 347VAC at full load		
	Inrush Current (Max.)	65A @480VAC (input 25℃ cold start)		
	Leakage Current (Max. @ VAC)	0.75mA / 480VAC		
General Specifications		Data	Notes	
	Dimming Type	DC DIMMING	0~10V	
	Dimming Range	10% ~ 100%		
	0-10v Dimming Interface Current	<2mA		
	MTBF	>300,000 hours	measured at full load, 25℃ ambient temperature MIL-HDBK-217F(25℃)	
	Max. Case Temp.	90℃		
	Life Rating (@ 100%Load, @ 85℃ Tc.)	50,000 hours	Measured at 347/480VAC, 100% load, 75℃ Tc.	
	Warranty	5-years Limited Warranty		

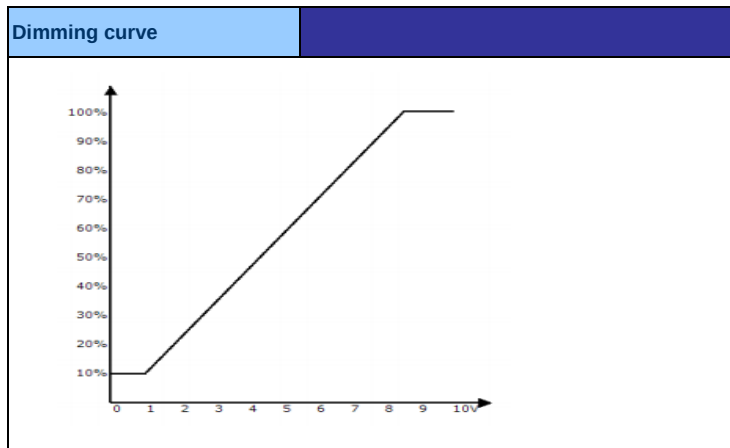
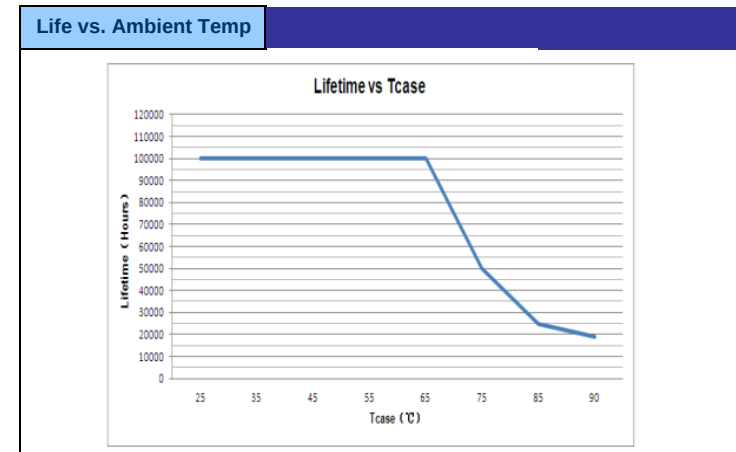
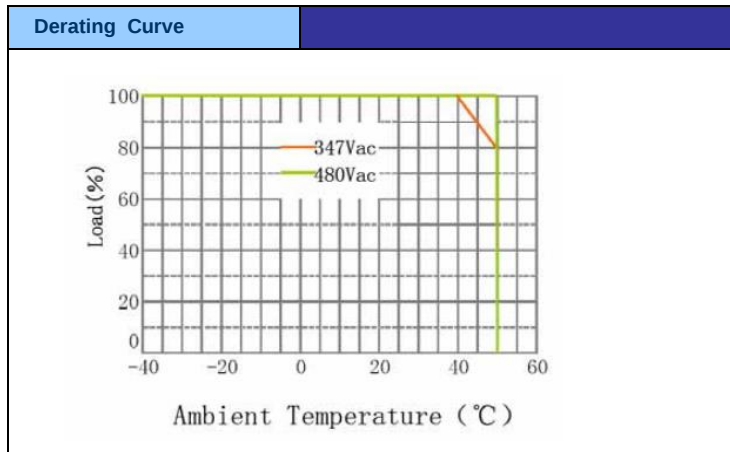
Protection	Type	
	Over Power	the driver always works within a safe working area power curve
	No Load Voltage (% min. ~ max.)	Vomax ~ 110% Vomax
	Short Circuit	Disconnect the power to restart after fault condition is removed
	Input Transient Protection	Power supply shall comply with IEEE C.62.41-1991, Class A operation. The line transient shall consist of seven strikes of a 100 kHz ring wave, 2.5kV level for both common mode and differential mode.
	Others	SCP, OVP

Environmental	Operating Temperature (min. ~ max.)	-30 ~ +50°C
	Storage Temperature (min. ~ max.)	-40 ~ +80°C
	Operating Humidity	20 ~ 90% RH
	Storage Humidity	10 ~ 90% RH
	Temperature Coefficient (%/C)	±0.03% / °C (0~50°C)
	Application	For Dry and Damp location

Safety & EMC	Safety Standards	UL, cUL, UL8750 Class 2
	EMI/EMC Standards	FCC Part 15 Class A, Compliance to EN 61547/1995+A1/2000

Physical Parameters		L	W	H	M	
	Dimensions (mm)	241.6	60	42	225.8	
	Net Weight (g.)	268g				
	Input Leads (AWG, Length)	Line	Black single 18AWG 105°C 600V length 500mm(+/-25mm) wire stripping 10mm(+/-1mm)			
		Neutral	White single 18AWG 105°C 600V length 500mm(+/-25mm) wire stripping 10mm(+/-1mm)			
		Positive	Red single 18AWG 105°C 600V length 145mm(+/-25mm) wire stripping 9mm(+/-1mm)			
	Output Leads (Color, AWG, Length)	Negative	Blue single 18AWG 105°C 600V length 145mm(+/-25mm) wire stripping 9mm(+/-1mm)			
		Dimming+	Violet single 18AWG 105°C 600V length 500mm(+/-25mm) wire stripping 10mm(+/-1mm)			
		Dimming-	Pink single 18AWG 105°C 600V length 500mm(+/-25mm) wire stripping 10mm(+/-1mm)			
	Packaging	QTY/CTN		Dimensions (in.)		Weight (lbs.)







Dimmer Compatability List	Dimmer Manufacturer	Dimmer Model No.
	LUTRON	DVSTV
	LEVITON	IP710-DL