



Specification Data

公司名称	
Espen Generic Part No.	
Espen Generic Model No.	VEL80200MVHDA-10V-P-1(35)

客户盖章回签		
确认	审核	批准

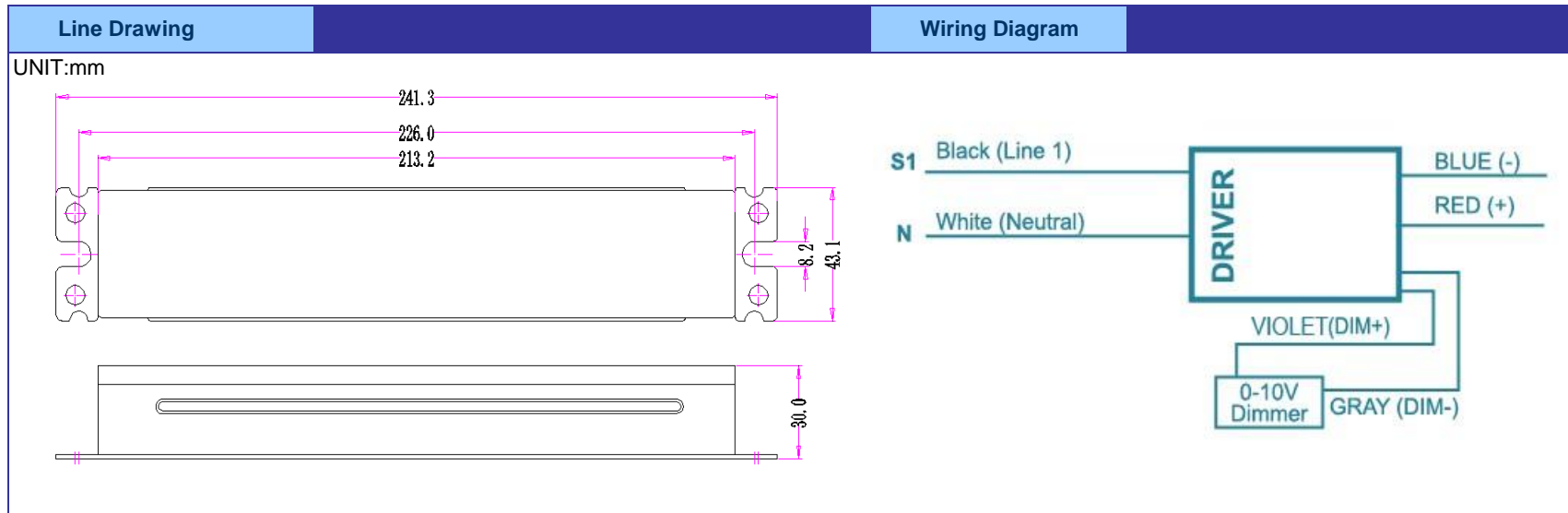


Output	Rated Current	2000 mA				
	Operating Voltage Range (min. ~ max.)	30-40V				
	Rated Power (Max @W)	80W				
	Output Current ripple(ripple = pk-pk/avg/2)	5%				
	Start Time (Max. ms @ VAC)	1000ms / 120VAC/277VAC				
	Output Current Regulation (%)	± 5%				
	Output Dimming Range (%)	10%~100%				
Input	Frequency Range	47 ~ 63 Hz				
	Input Voltage Range (±10%)	120 ~277VAC (±10%)				
	Power Factor (Min.)	0.9 at full load				
	THD (Max.)	20%				
	Efficiency(Min. %@120V at full load)	87.0%				
	Input AC Current (Max. @ VAC)	max 1A @ 108VAC at full load				
	Inrush Current (Max.)	100A @277VAC (cold start, μ s at 50% Ipeak)				
	Leakage Current (Max. @ VAC)	0.75mA / 277VAC				
General Specifications		Data	Notes			
	Dimming Type	DC DIMMING	0~10v			
	Dimming Range	10% ~ 100%				
	0-10v Dimming Interface Current	<2mA				
	MTBF	>200,000 hours	Measured at 120VAC, 80% load, 25°C ambient (MIL-HDBK-217F)			
	Max. Case Temp.	90°C				
	Life Rating	50,000 hours	Measured at 120/277VAC, 100% load, 82°C Tc.			
	Warranty	5-years Limited Warranty				



Protection	Type	
	Over Power	the driver always works within a safe working area power curve
	Short Circuit	Disconnect the power to restart after fault condition is removed
	No Load Voltage (% min. ~ max.)	Vomax ~ 130% Vomax
	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 ~ +55°C
	Storage Temperature (min. ~ max.)	-40~ +80°C
	Operating Humidity	20 ~ 95% RH
	Storage Humidity	10 ~ 95% 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
	Audible sound Level	<24dB (30 cm)
	EMI/EMC Standards	FCC Part 15 Class B

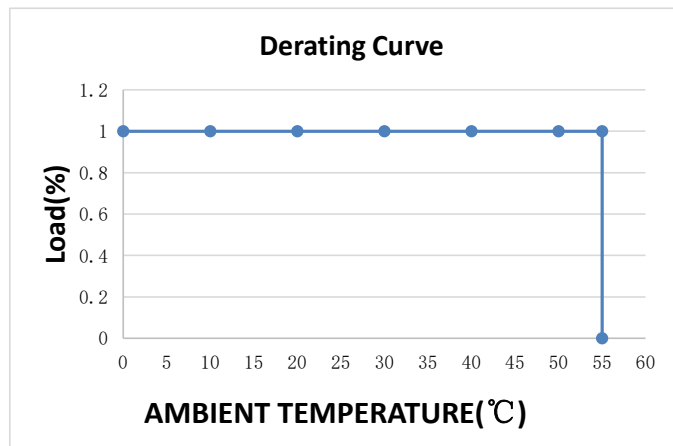
Physical Parameters		L	W	H	M	R	case type	
	Dimensions (inches)	241.3	43.1	30	226		35	
	Net Weight (g.)	191g.						
	Input Leads (AWG, Length)	Line	Black single 18AWG 105°C 600V length 500mm(+/-25mm) wire stripping 10mm(+/-1mm)					
		Neutral	White single 18AWG 105°C 600V length 500mm(+/-25mm) wire stripping 10mm(+/-1mm)					
		Positive	Red single 20AWG 105°C 600V length 800mm(+/-25mm) wire stripping 9mm(+/-1mm)					
		Negative	Blue single 20AWG 105°C 600V length 800mm(+/-25mm) wire stripping 9mm(+/-1mm)					
Dimming+		Violet single 18AWG 105°C 600V length 800mm(+/-25mm) wire stripping 10mm(+/-1mm)						
Output Leads (Color, AWG, Length)	Dimming-	Gray single 18AWG 105°C 600V length 800mm(+/-25mm) wire stripping 10mm(+/-1mm)						
	Packaging	QTY/CTN		Dimensions (in.)		Weight (lbs.)		



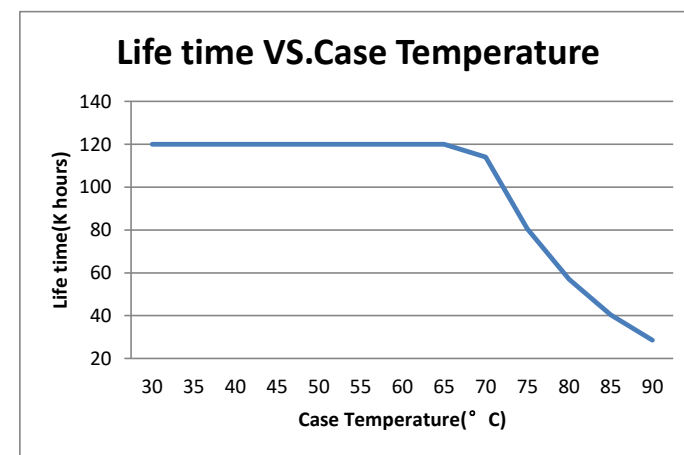
Tc test point placement

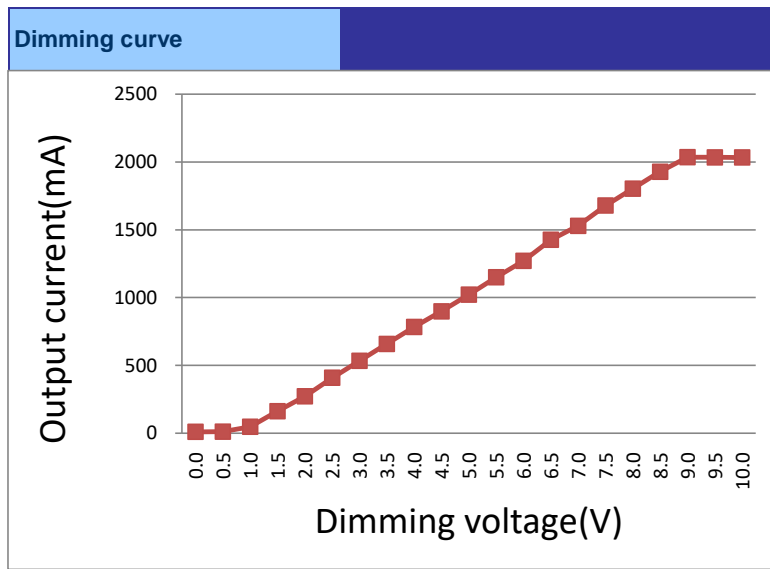
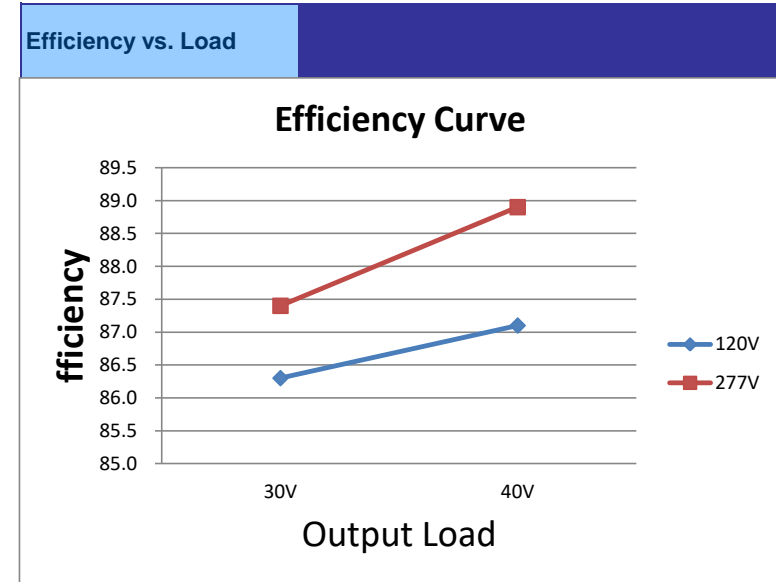
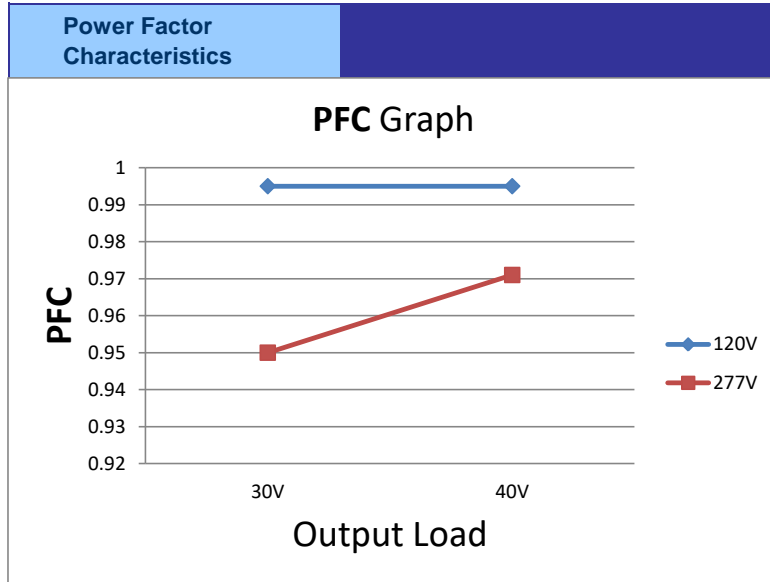


Derating Curve



Life vs. Ambient Temp







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