
Specification Data

公司名称	江苏恒太照明有限公司
Espen Generic Part No.	
Espen Generic Model No.	VEL100240347HDA-10V-1

客户盖章回签		
确认	审核	批准

Output	Rated Current	2400mA					
	Operating Voltage Range (min. ~ max.)	35~41V					
	Rated Power (Max @W)	98.4W					
	Output Current ripple(ripple = pk-pk/avg)	10%					
	Start Time (Max. ms @ VAC)	750ms / 347VAC at full load					
	Output Current Regulation (%)	+3.5%~-3.5%					
	Output Dimming Range (%)	10%~100%					
Input	Frequency Range	47 ~ 63 Hz					
	Input Voltage Range	347VAC (±10%)					
	Power Factor (Min.)	>0.9 at full load					
	THD (Max.)	<20%@347Vac input. full load					
	Efficiency (typ.@347V)	87.0%					
	Input AC Current (Max. @ 347VAC at full load)	0.36A					
	Inrush Current (Max.)	65A @347VAC (input 25°C cold start)					
	Leakage Current (Max. @ VAC)	0.75mA / 347Vac/60Hz					
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°C ambient temperature MIL-HDBK-217F(25°C)				
	Max. Case Temp.	90°C					
	Life Rating (@ 100%Load, @ 76°C Tc.)	50,000 hours	Measured at 347VAC, 100% load, 76°C 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 ~ 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, class P			
	EMI/EMC Standards	FCC Part 15 Class A, Compliance to EN 61547/1995+A1/2000			
Physical Parameters		L	W	H	M
	Dimensions (mm)	241.5	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)		
	Output Leads (Color, AWG, Length)	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)		
		Dimming-	Gray single 18AWG 105°C 600V length 800mm(+/-25mm) wire stripping 10mm(+/-1mm)		
	Packaging	QTY/CTN		Dimensions (in.)	Weight (lbs.)



