



Specification Data

公司名称	江苏恒太照明有限公司
Espen Generic Part No.	
Espen Generic Model No.	VPL50-120-MVHDA-10V-P-OFF(27)

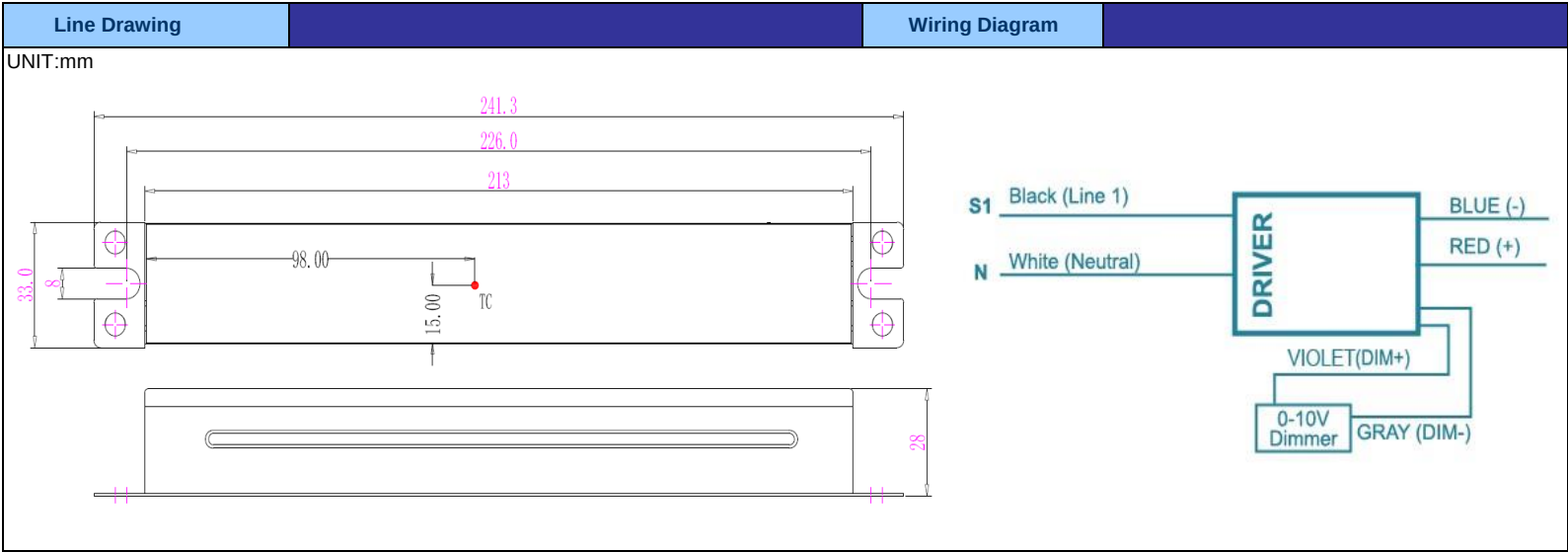
客户盖章回签		
确认	审核	批准

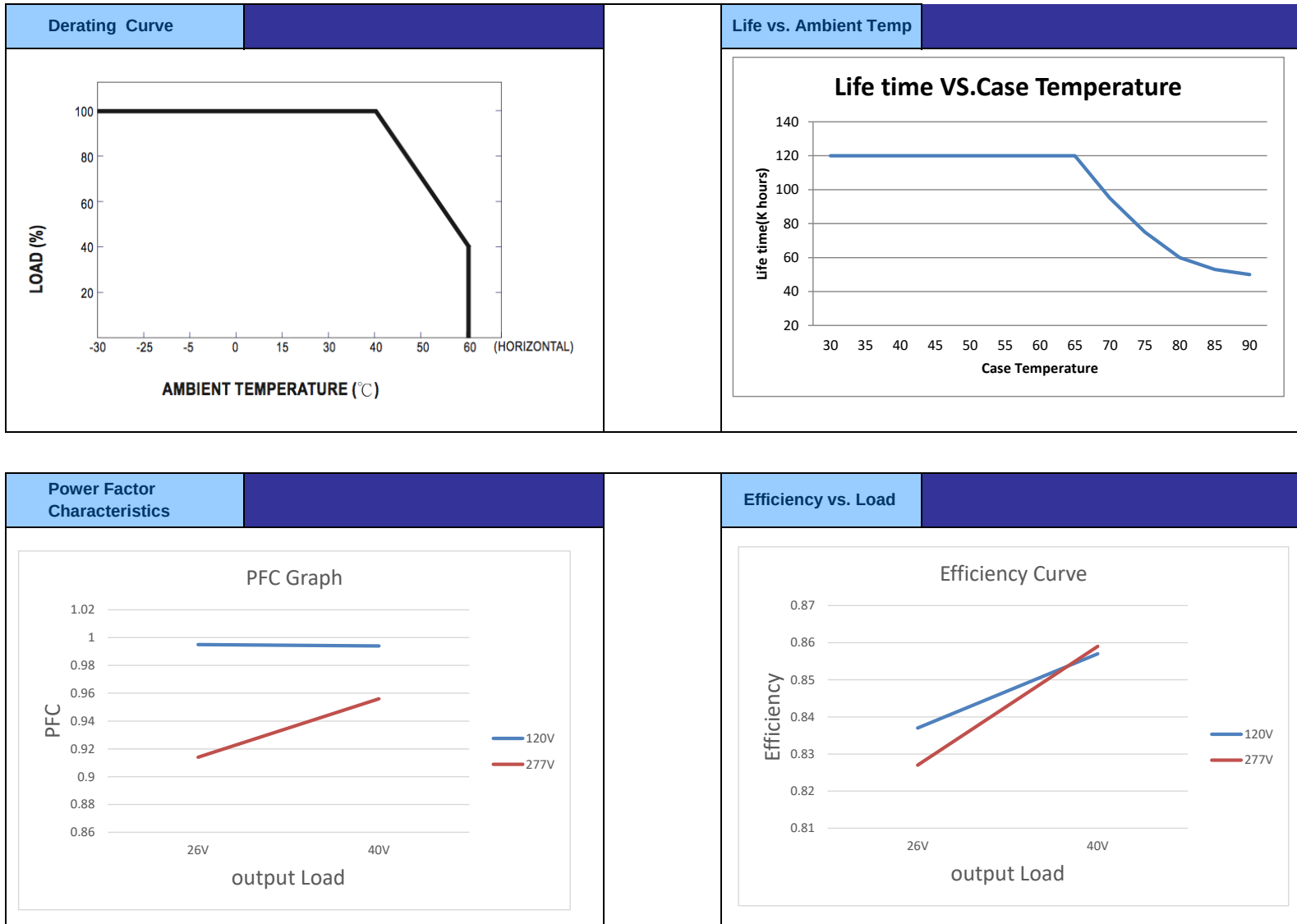
Output	Rated Current	1200mA	
	Operating Voltage Range (min. ~ max.)	26-40V	
	Rated Power (Max @W)	50W	
	Output Current ripple(ripple = pk-pk/avg)	10%@1200mA	
	Start Time (Max. ms @ VAC)	≤ 750ms/120Vac/277Vac	
	Output Current Regulation (%)	± 5%	
	Output Dimming Range (%)	10-100%	
Input	Frequency Range	47 ~ 63 Hz	
	Input Voltage Range (±10%)	120-277 VAC (±10%)	
	Power Factor (Min.)	0.9	
	THD (Max.)	20%	
	Efficiency (typ. %@277VAC full load)	85%	
	Input AC Current (Max. @ VAC)	0.65A @120VAC at full load	
	Inrush Current (Max.)	277VAC @ 25 DEG C: <25Amp peak	
	Leakage Current (Max. @ VAC)	0.75mA	
General Specifications		Data	Notes
	Dimming Type	DC DIMMING	0-10V
	Dimming Range	10% ~ 100%	
	Dimming to off threshold	0.5V ± 0.1V	
	Dimming on threshold	0.7V ± 0.1V	
	0-10v Dimming Interface Current	<2mA	
	MTBF	>200,000hrs	calculated to MIL-HDBK217F @ 25 DEG C. rated load. Ground Benign.
	Max. Case Temp.	90°C	
	Life Rating	50,000 hours	Measured at 120/277VAC, 90°C Tc.
	Warranty	5-years Limited Warranty	

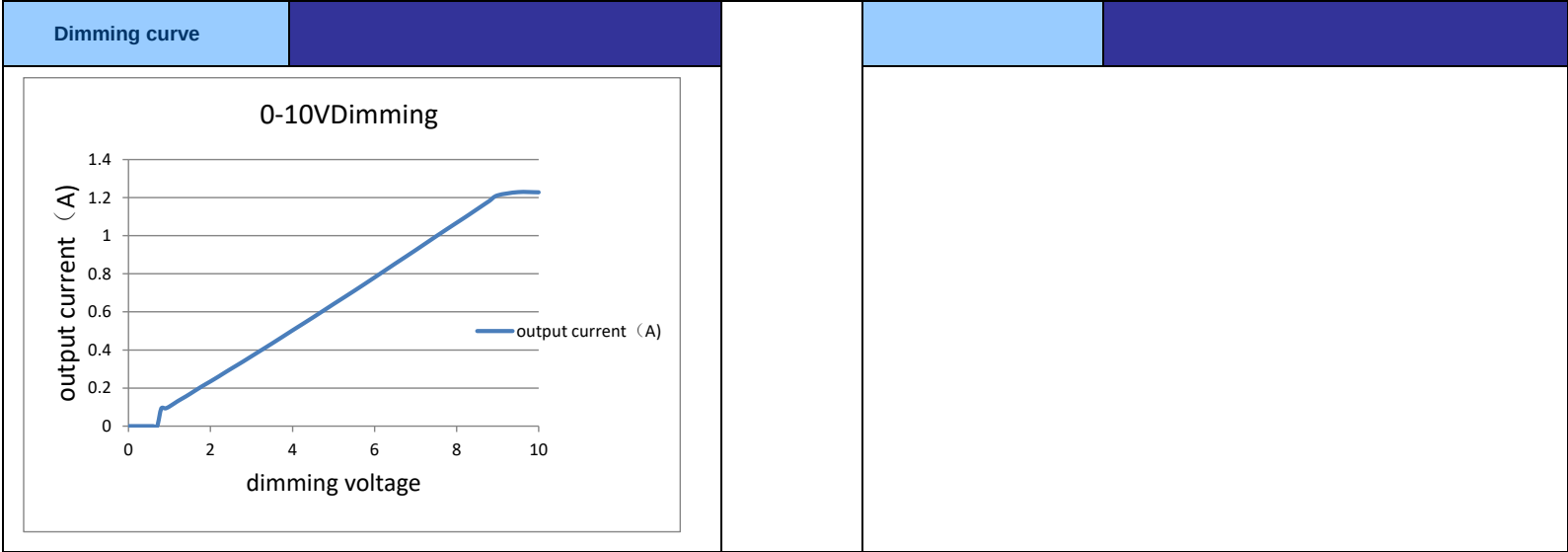
Protection	Type	
	Over Power	The driver always works within a safe working area power curve
	No Load Voltage	<60VDC
	Short Circuit	Current limit protection
	Input Transient Protection	Power supply shall comply with IEEE C.62.41-1991,Class A operation.The line transient shall consist of seven strikes of a 100 kHz ring wave,2.5kV level for both common mode and differential mode.
	Others	Over Temperature Protection, No load protection
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,Class P
	Audible sound Level	<24dB (30 cm)
	EMI/EMC Standards	FCC Part 15 Class B



Physical Parameters		L	W	H	M	
	Dimensions (Inches)	241.3	33	28	226	
	Net Weight (lbs.)	285g				
	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.)
		NA		NA		NA







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