

Specification Data

公司名称	
Espen Generic Part No.	
Espen Generic Model No.	VEL30085MVHDA-10V-1(43)

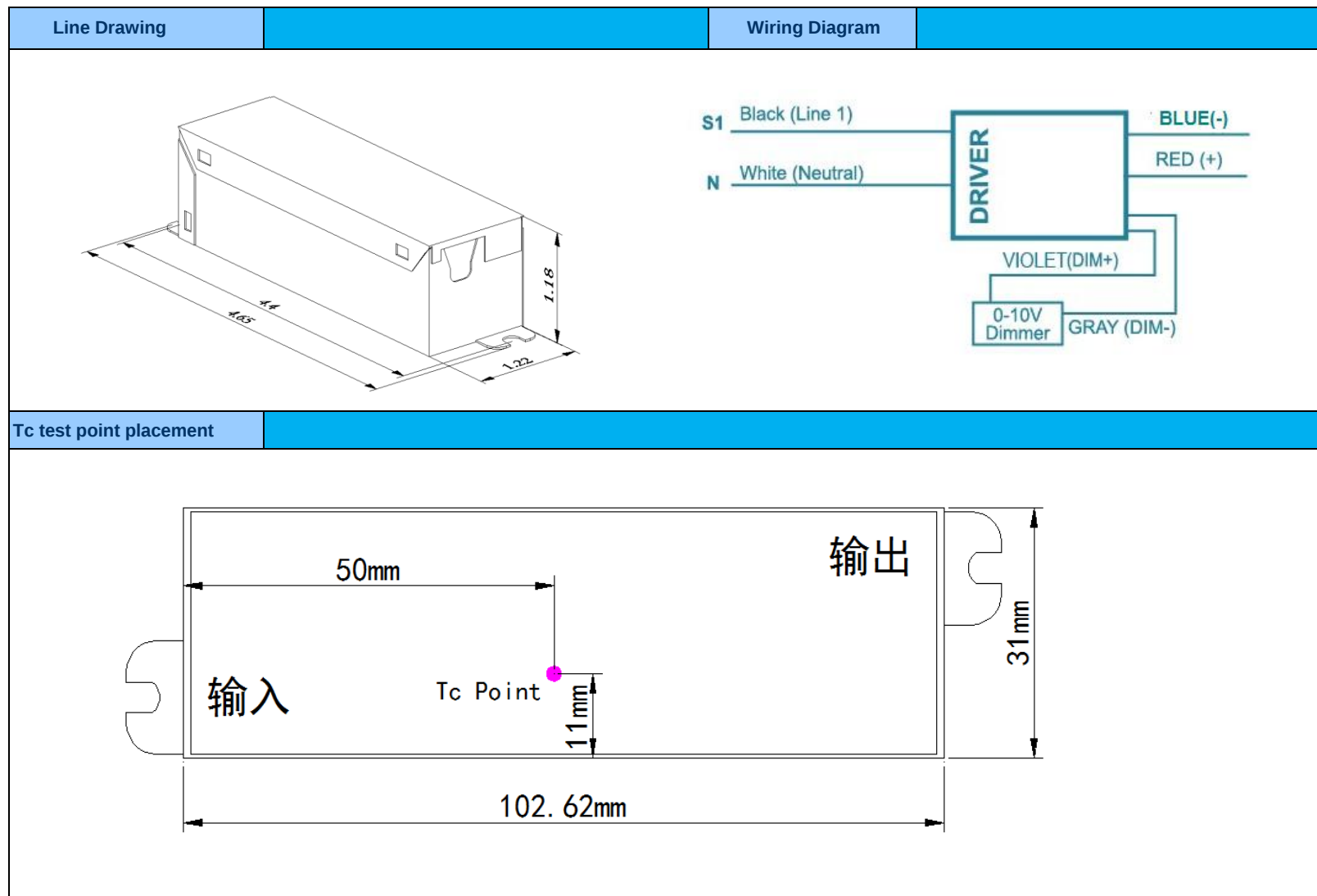
客户盖章回签		
确认	审核	批准

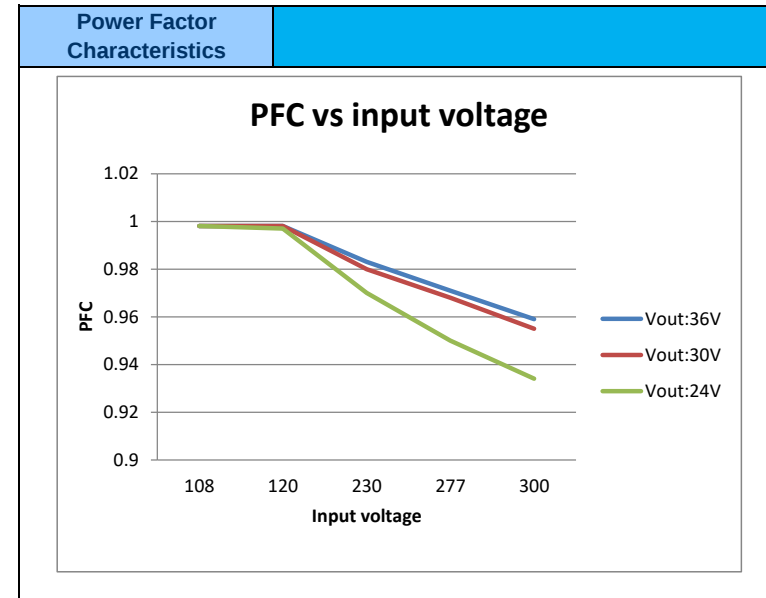
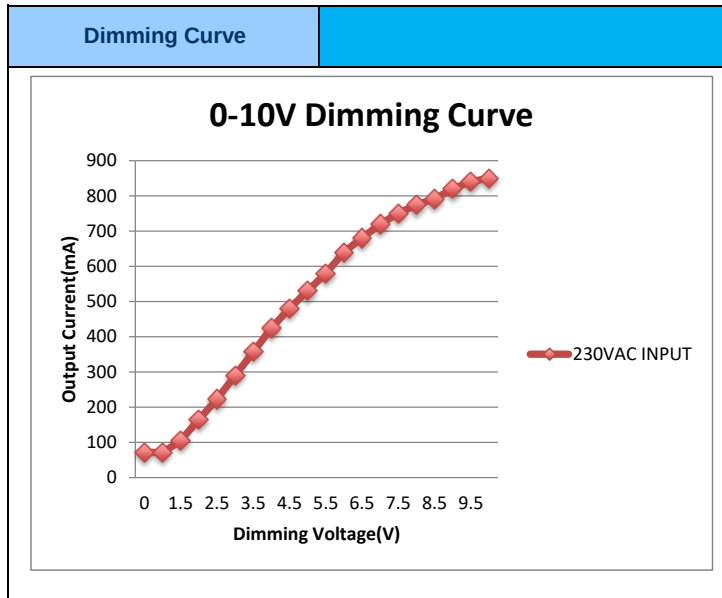
Output	Rated Current	850mA				
	Operating Voltage Range (min. ~ max.)	24-36V				
	Rated Power (Max @W)	30W				
	Output Current ripple(ripple = pk-pk/avg)	5%@850mA				
	Start Time (Max. ms @ VAC)	1000ms / @ 120VAC @ rated load				
	Output Current Regulation (%)	± 5%				
	Output Dimming Range (%)	10%-100%				

Input	Frequency Range	47 ~ 63 HZs				
	Input Voltage Range (±10%)	120-277 VAC (±10%)				
	Power Factor (Min.)	0.9 at rated load				
	THD (Max.)	20%				
	Efficiency (typ. %@277VAC rated load)	82.0%				
	Input AC Current (Max. @ VAC)	0.21A @ 120VAC at full load				
	Inrush Current (Max.)	277VAC @ 25 DEG C: <18Amp peak				
	Leakage Current (Max. @ VAC)	1.5mA / 120VAC				

General Specifications		Data	Notes
	Dimming Type	DC DIMMING	1-10V
	Dimming Range	10%-100%	
	0-10v Dimming Interface Current	<2mA	
	MTBF	>200,000hrs	calculated to MIL-HDBK217F @ 25 DEG C. rated load. Ground Benign.
	Max. Case Temp.	79°C	
	Life Rating (@ Load %, @79°C Tc.)	50,000 hours	Measured at 120/277VAC, 100% load, 79°C Tc.
	Warranty	5-years Limited Warranty	

Protection	Type					
	Over Power	The driver always works within a safe working area				
	No Load Voltage (% min. ~ max.)	Vomax ~ 120% Vomax				
	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 ~ +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; UL1310; CSA C22.2 No. 250.13-12				
	EMI/EMC Standards	FCC Part 15 Class B, Compliance to EN 61547/1995+A1/2000				
Physical Parameters		L	W	H	M	
	Dimensions (inches)	4.65"	1.22"	1.18"	4.4"	
	Net Weight (g)	240g				
	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