



**Specification Data**

公司名称	
<b>Espen Generic Part No.</b>	
<b>Espen Generic Model No.</b>	<b>VELP50120MVHDA-MD-1</b>

客户盖章回签		
确认	审核	批准



<b>Output</b>	<b>Rated Current</b>	800mA	1000mA	1200mA			
	Operating Voltage Range (min. ~ max.)	30-42V					
	Rated Power (Max @W)	34W	42W	50W			
	Output Current ripple(ripple = pk-pk/avg/2)	5%					
	Start Time	<750ms@120Vac					
	Output Current Regulation (%)	± 5%					
	Output Dimming Range (%)	10%~100%					

<b>Input</b>	Frequency Range	50/60 Hz				
	Input Voltage Range	120 ~277VAC (±10%)				
	Power Factor(min.)	PF>0.9				
	THD	THD<20%				
	Efficiency (typ. %@120/277V )	>85%	>85%	>86%		
	Input AC Current (Max. @ VAC)	600 mA max.				
	Inrush Current (Max.)	50A max.				
	Leakage Current (Max. @ VAC)	0.75mA / 277VAC				

	Data	Notes
<b>General Specifications</b>		
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	≥ 5 years	≥5 year@230Vac,70°C case temperature
Warranty	5-years Limited Warranty	

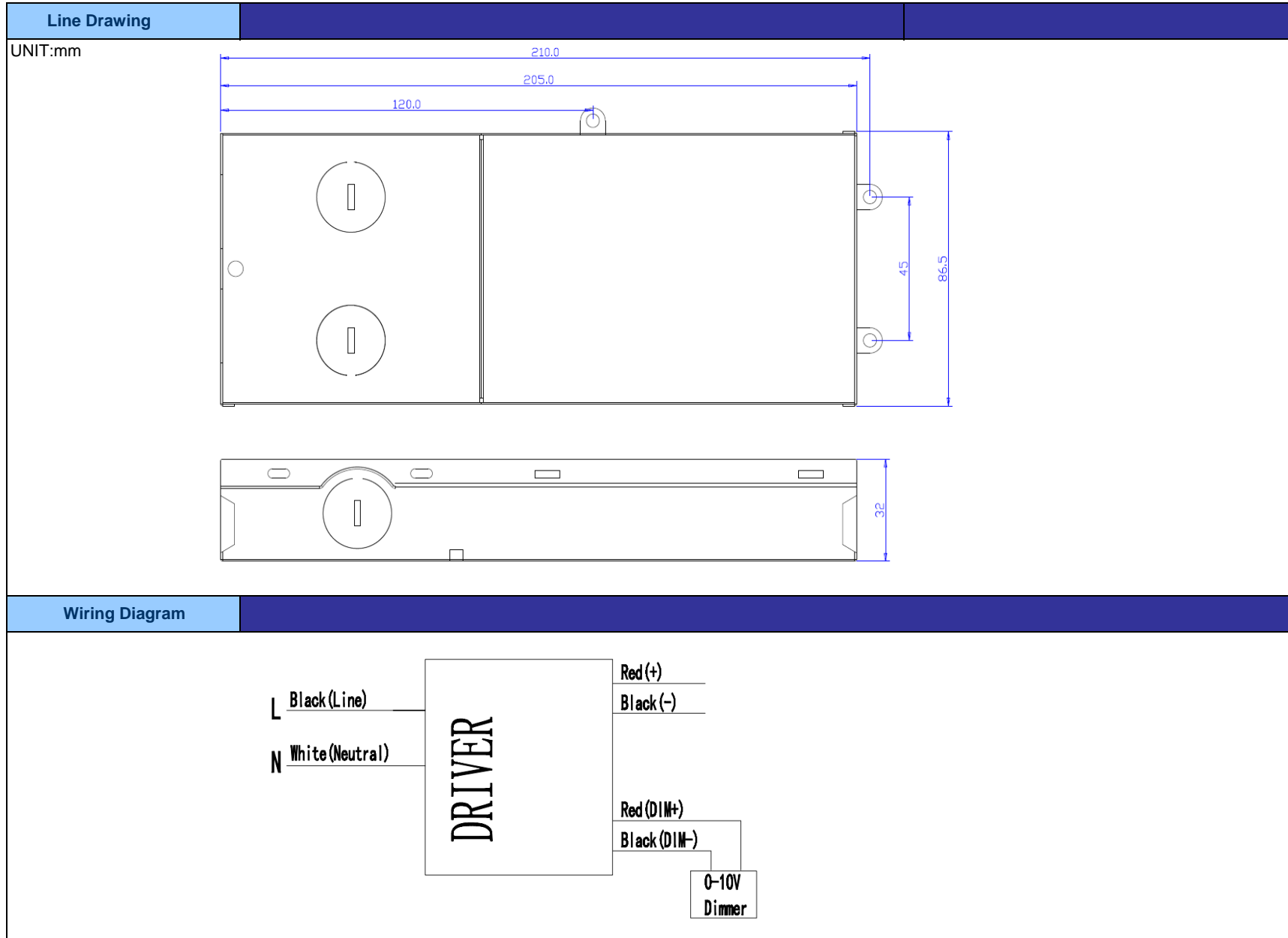


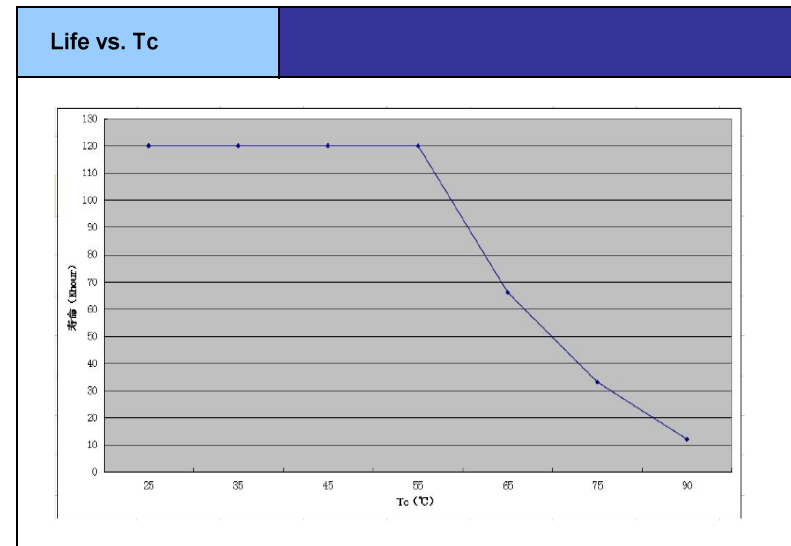
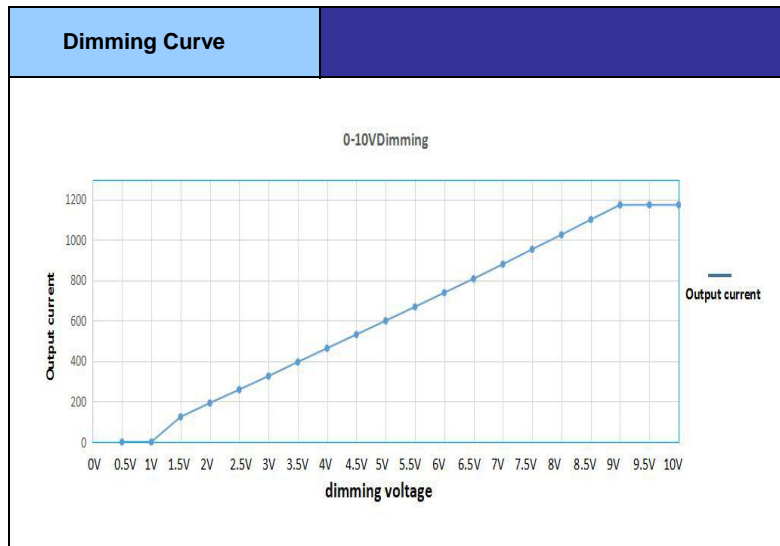
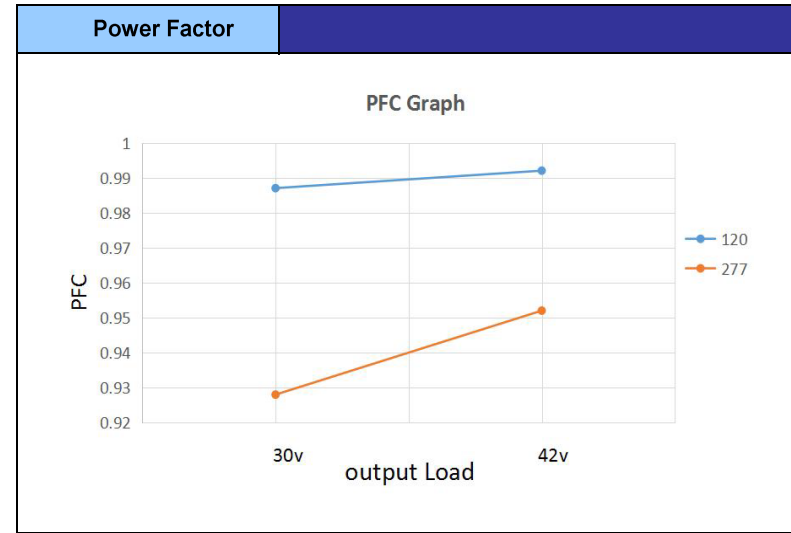
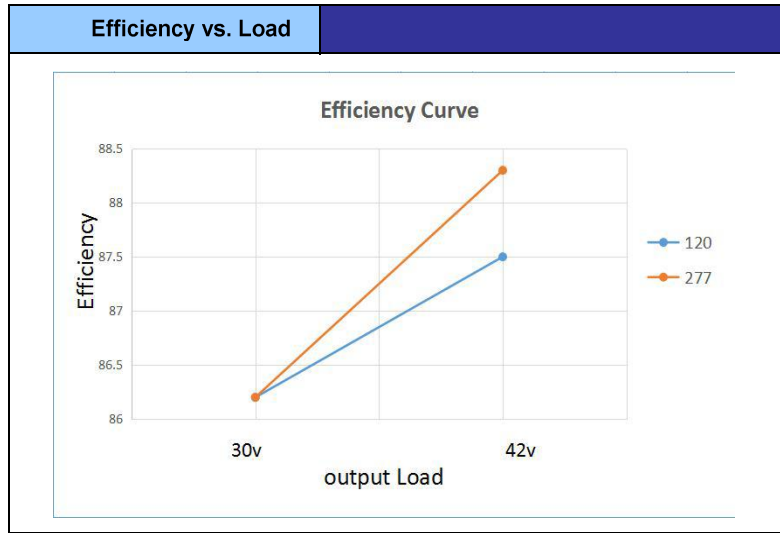
<b>Protection</b>	<b>Type</b>	
	Over Power	the driver always works within a safe working area power curve
	No Load Voltage	50Vmax
	Short Circuit	Disconnect the power to restart after fault condition is removed
	Input Transient Protection	Power supply shall comply with IEEE C.62.41-1991, Class A operation. 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	

<b>Environmental</b>	Operating Temperature (min. ~ max.)	-25 ~ +40°C
	Storage Temperature (min. ~ max.)	-40 ~ +80°C
	Operating Humidity	10 ~ 80% RH
	Storage Humidity	3 ~ 90% RH
	Temperature Coefficient (%/C)	±0.03% / °C (0~50°C)
	Application	For Dry and Damp locations

<b>Safety &amp; EMC</b>	Safety Standards	UL, cUL, UL8750 Class 2
	EMI/EMC Standards	FCC Part 15 Class B, Compliance to EN 61547/1995+A1/2000

<b>Physical Parameters</b>		L	W	H	M	R	
	Dimensions (mm)	205	86.5	32			
	Net Weight (g.)	372±5g					
	Input Terminal (Color)	Line		Neutral			
		Black		White			
	Output Terminal (Color)	Vout+	Vout-	0~10V+	0~10V-		
		RED	BLACK	Red	Black		
Packaging	QTY/CTN		Dimensions (in.)		Weight (lbs.)		







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