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**Specification Data**

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公司名称	
<b>Espen Generic Part No.</b>	
<b>Espen Generic Model No.</b>	<b>VEL75150MVHDA-10V-P-1(35)</b>

客户盖章回签		
确认	审核	批准



<b>Output</b>	<b>Output Current Range</b>	1500mA				
	Operating Voltage Range (min. ~ max.)	28-45V				
	Rated Power (Max @W)	68W				
	Output Current ripple(ripple = pk-pk/avg)	10%				
	Start Time (Max. ms @ VAC)	<1000ms / @ 120Vac/277Vac				
	Output Current Regulation (%)	± 5%				
	Output Dimming Range (%)	10%~100%				

<b>Input</b>	Frequency Range	47 ~ 63 Hz				
	Input Voltage Range (±10%)	120 ~277VAC (±10%)				
	Power Factor (Min.)	0.9 at full load				
	THD (Max.)	20%				
	Efficiency (typ. %@120/277V at full load)	85.0%				
	Input AC Current (Max. @ VAC)	0.74A @ 108VAC at full load				
	Inrush Current (Max.)	1000A @277VAC (cold start, μs at 50% Ipeak)				
	Leakage Current (Max. @ VAC)	0.75mA / 277VAC				

<b>General Specifications</b>		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 (@ 100%Load, @ 85°C Tc.)	50,000 hours	Measured at 120/277VAC, 100% load, 85°C Tc.				
Warranty	5-years Limited Warranty					

<b>Protection</b>	<b>Type</b>	
	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 ~ 110% 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

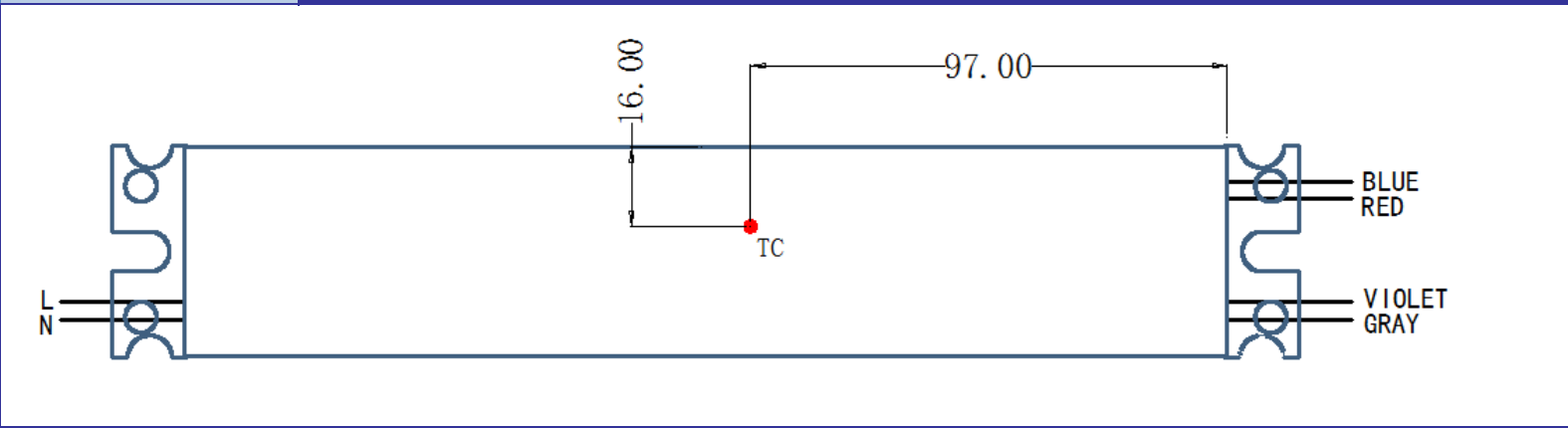
<b>Environmental</b>	Operating Temperature (min. ~ max.)	-30 ~ +55°C
	Storage Temperature (min. ~ max.)	-40~ +80°C
	Operating Humidity	20 ~ 95% RH
	Storage Humidity	10 ~ 95% RH
	Temperature Coefficient (%/C)	±0.03% / °C (0~50°C)
	Application	For Dry and Damp location

<b>Safety &amp; EMC</b>	Safety Standards	UL, cUL, UL8750 Class 2,Class P
	Audible sound Level	<24dB (30 cm)
	EMI/EMC Standards	FCC Part 15 Class B, Compliance to EN 61547/1995+A1/2000

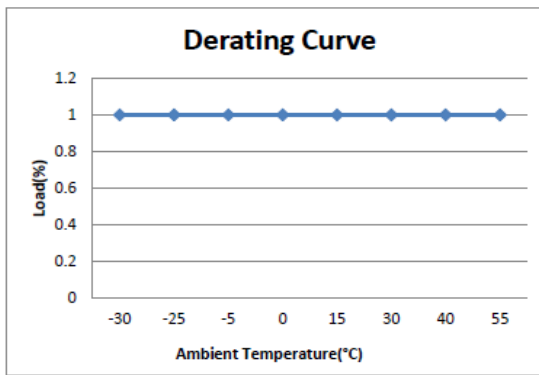
Physical Parameters		L	W	H	M	R	case type	
	Dimensions (mm)	241.3	43.1	30	226			35
	Net Weight (g.)	560g.						
	Input Leads (AWG, Length)	Line	Black single 18AWG 105°C 600V length 500mm(+/-25mm) wire stripping 10mm(+/-1mm)					
		Neutral	White single 18AWG 105°C 600V length 500mm(+/-25mm) wire stripping 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.)		

Line Drawing	Wiring Diagram
<p>UNIT:mm</p>	

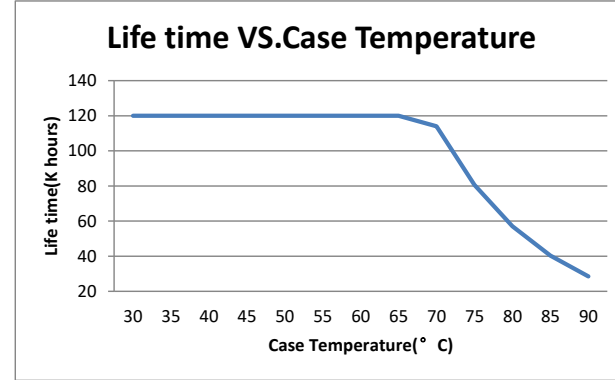
Tc test point placement

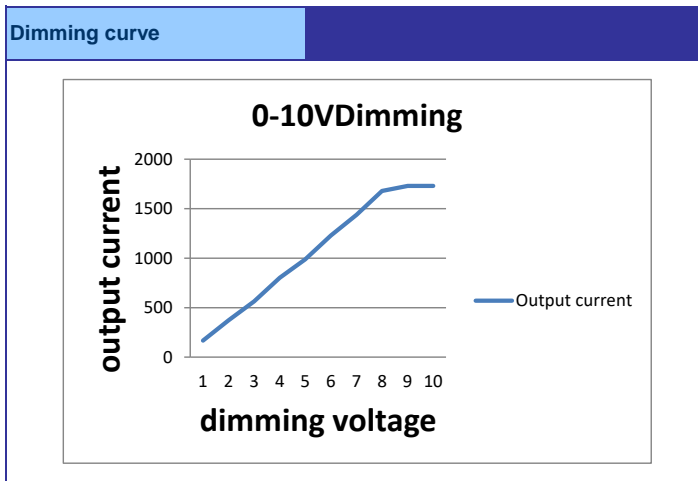
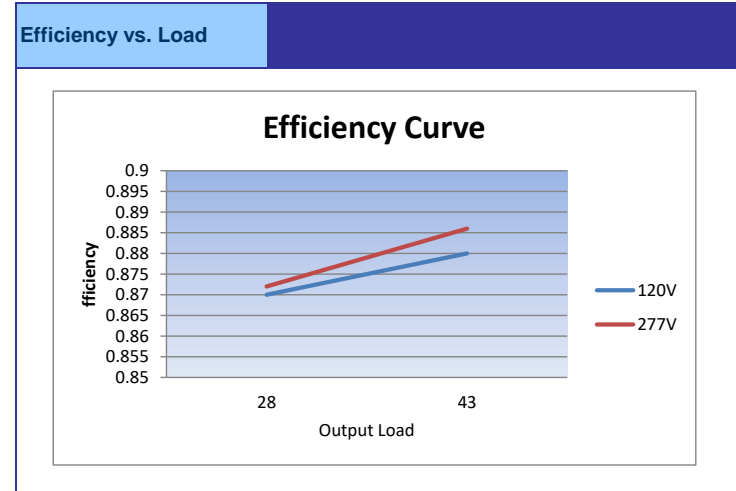
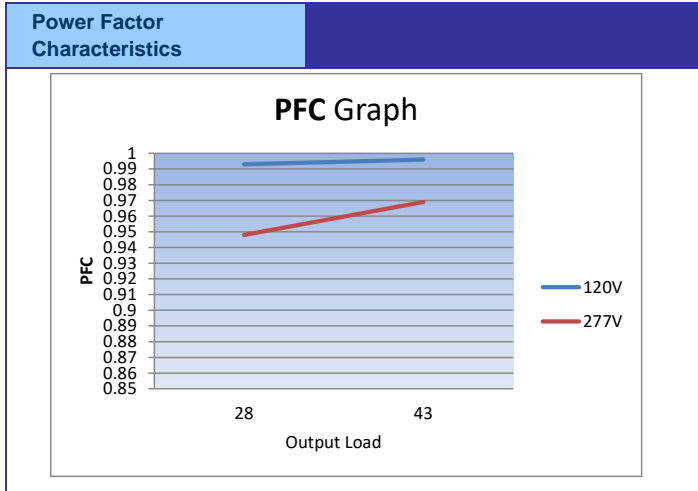


Derating Curve



Life vs. Ambient Temp







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