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**Specification Data**

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<b>Espen Generic Part No.</b>	<b>0202000103</b>
<b>Espen Generic Model No.</b>	<b>VEL30060MVHDA-10V-1(43)</b>



<b>Output</b>	<b>Rated Current</b>	600mA				
	Operating Voltage Range (min. ~ max.)	28-40V				
	Rated Power (Max @W)	24W				
	Output Current ripple(ripple = pk-pk/avg)	<u>5%@600mA</u>				
	Start Time (Max. ms @ VAC)	<1000ms / @ 120VAC @ 277VAC				
	Output Current Regulation (%)	± 5%				
	Output Dimming Range (%)	10%-100%				

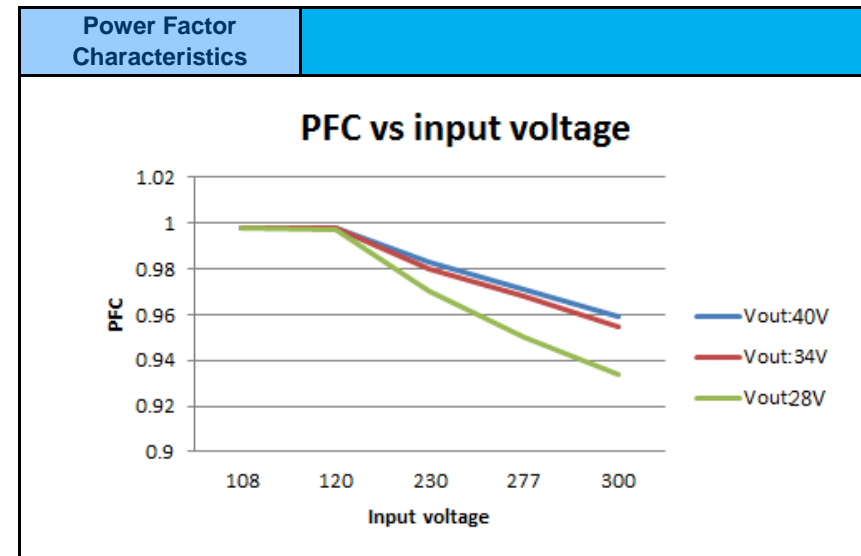
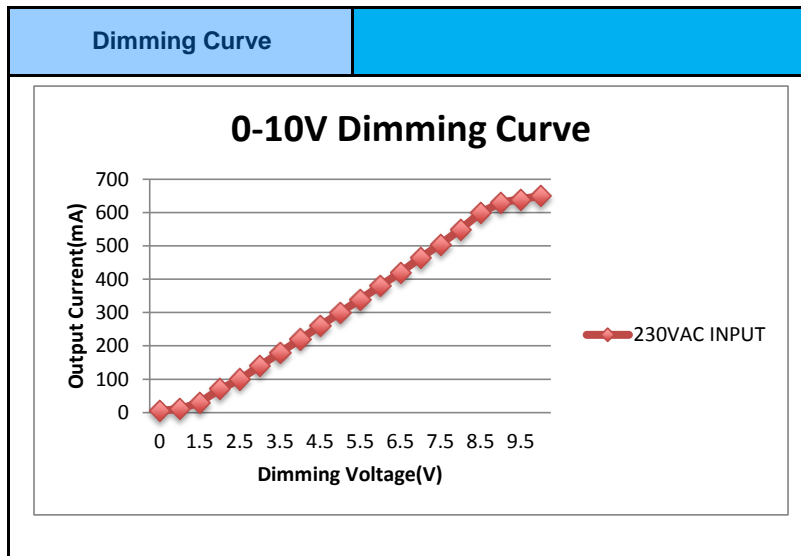
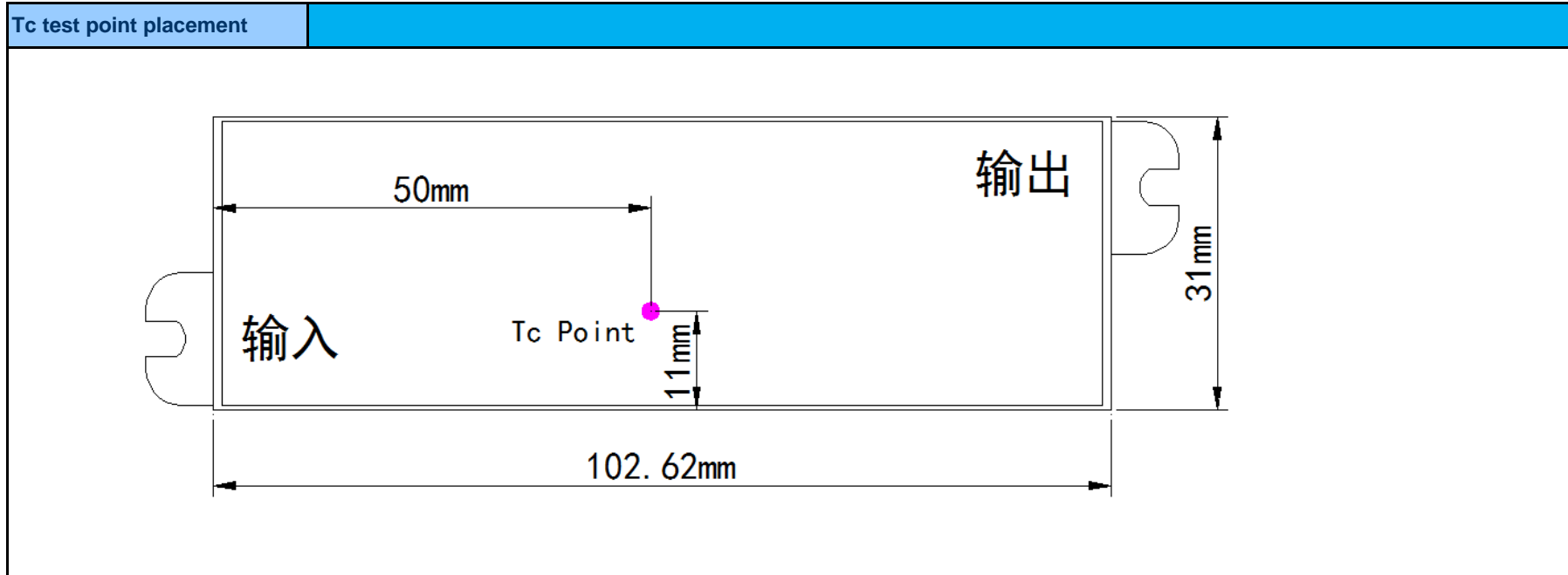
<b>Input</b>	Frequency Range	47 ~ 63 HZs				
	Input Voltage Range ( ±10%)	120-277 VAC ( ±10%)				
	Power Factor (Min.)	0.9				
	THD (Max.)	20%				
	Efficiency ( %@120VAC 36V load)	84.0%				
	Input AC Current (Max. @ VAC)	0.25A @ 120VAC at full load				
	Inrush Current (Max.)	277VAC @ 25 DEG C: <18Amp peak				
	Leakage Current (Max. @ VAC)	1.5mA / 120VAC				

<b>General Specifications</b>		Data	Notes
	Dimming Type	DC DIMMING	0-10V
	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	

<b>Protection</b>	<b>Type</b>	
	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
<b>Environmental</b>	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
<b>Safety &amp; EMC</b>	<b>Safety Standards</b>	UL, cUL, UL8750 Class 2;UL1310;CSA C22.2 No. 250.13-12
	Audible sound Level	<24dB (30 cm)
	EMI/EMC Standards	FCC Part 15 Class A, Compliance to EN 61547/1995+A1/2000

<b>Physical Parameters</b>		L	W	H	M		
	Dimensions (inches)	4.65"	1.22"	1.18"	4.4"		
	<b>Net Weight (g)</b>	63g					
	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			

Line Drawing	Wiring Diagram





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