
Specification Data

公司名称	江苏恒太照明有限公司
Espen Generic Part No.	
Espen Generic Model No.	VEL75140MVHDA-10V-P-1 (35)

客户盖章回签		
确认	审核	批准

Output	Rated Current	1400 mA				
	Operating Voltage Range (min. ~ max.)	28-45V				
	Rated Power (Max @W)	63W				
	Output Current ripple(ripple = pk-pk/avg)	10% @1400mA				
	Start Time (Max. ms @ VAC)	<1000ms / @ 120Vac/277Vac				
	Output Current Regulation (%)	± 5%				
	Output Dimming Range (%)	10%~100%				

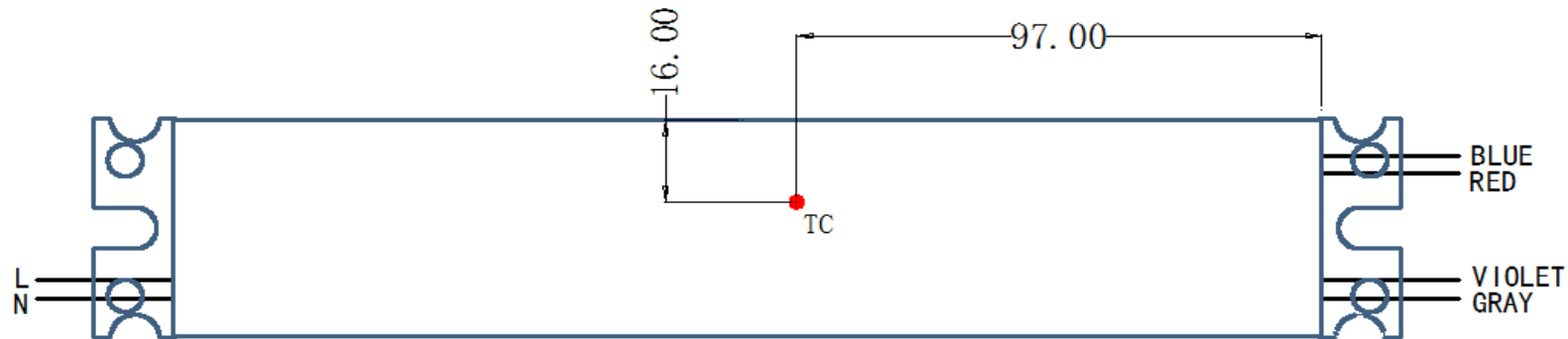
Input	Frequency Range	47 ~ 63 Hz
	Input Voltage Range (±10%)	120 ~277VAC (±10%)
	Power Factor (Min.)	0.9
	THD (Max.)	20%
	Efficiency (typ. %@120/277V at full load)	85.0%
	Input AC Current (Max. @ VAC)	max 0.74A @ 108VAC at full load
	Inrush Current (Max.)	100A @277VAC (cold start, µs at 50% Ipeak)
	Leakage Current (Max. @ VAC)	0.75mA / 277VAC

General Specifications		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	

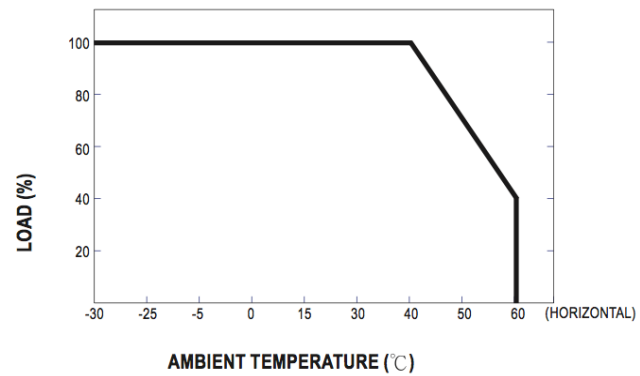
Protection	Type	
	Over Power	the driver always works within a safe working area power curve
	Short Circuit	Disconnect the power to restart after fault condition is removed
	No Load Voltage (% min. ~ max.)	Vomax ~ 120% Vomax
	Input Transient Protection	Power supply shall comply with IEEE C.62.41-1991,Class 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
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

Line Drawing	Wiring Diagram
UNIT:mm The line drawing shows a top and side view of the LED strip light. The top view includes dimensions: L241,3, L121,2, 41,2, 212,1, 229,24, R2,1m4, R4,1m2, and 4x4,25. The side view shows a height of H31.	The wiring diagram shows the electrical connections. Input lines are S1 (Black (Line 1)) and N (White (Neutral)). The output lines are BLUE (-) and RED (+). The diagram also shows a 0-10V Dimmer connected to the VIOLET(DIM+) and GRAY (DIM-) lines.

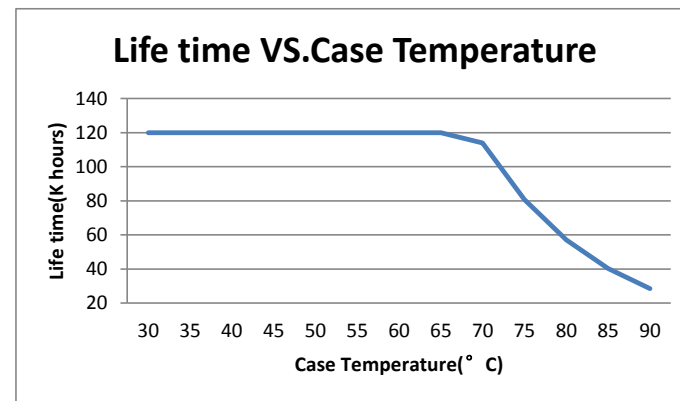
Tc test point placement

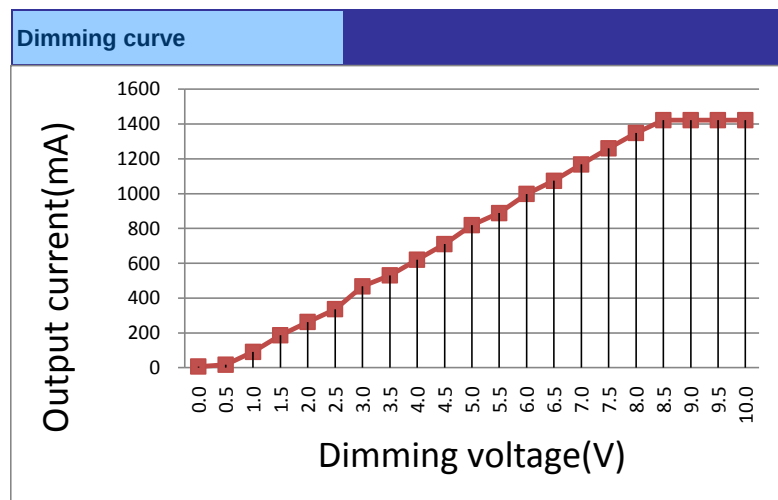
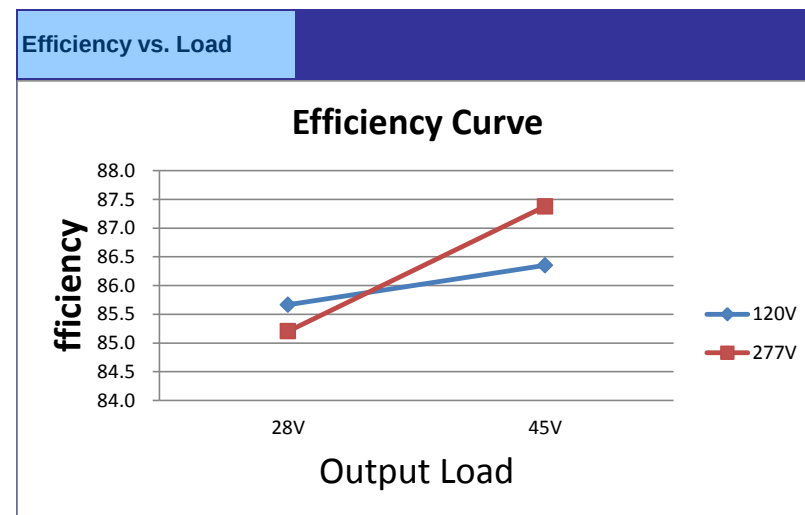
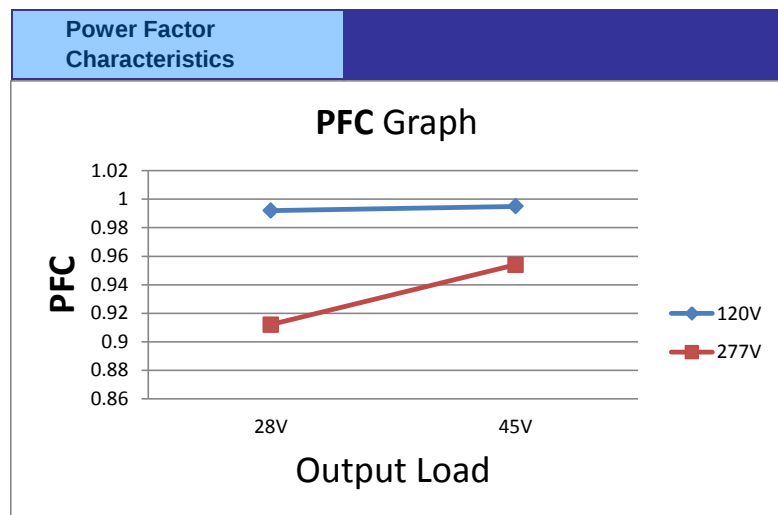


Derating Curve



Life vs. Ambient Temp





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