

## Main Features:



- Input Voltage: 100~277Vac, 50/60 Hz
- Output wattage: 35W, Constant Current
- High Efficiency: Up to 86
- 100% Full Load Burn-in Test
- Built-in Active PFC Function 0.95/Full load
- Dimming Function: **0-10V**
- IP20 Design for Indoor Installations
- Reliability Protection: OCP, SCP, OTP
- Safety Regulation: Complies with UL8750
- **Type TL (90/68C) Program Certified from UL**
- Five Year Warranty under Normal Usage Conditions



## SPECIFICATION

Model No.	Output Voltage Range	Output Current	OVP	OTP	Efficiency <sup>(1)</sup>
	(Vdc)	(mA)	(Vmax.)	(°C)	(%)
LDD-M35-020-1750-U-V	15 - 20	1750	60	Tc ≧ 80±5°C	86
LDD-M35-025-1400-U-V	19 - 25	1400	60	Tc ≧ 80±5°C	86
LDD-M35-029-1200-U-V	22 - 229	1200	60	Tc ≧ 80±5°C	86
LDD-M35-033-1050-U-V	25 - 33	1050	60	Tc ≧ 80±5°C	86
LDD-M35-041-0850-U-V	31 - 41	0850	60	Tc ≧ 80±5°C	86
LDD-M35-050-0700-U-V	38 - 50	0700	60	Tc ≧ 80±5°C	86
Note	<sup>(1)</sup> All ratings measured at full load and 120 Vac Input.				

Input Spec.	Condition Description	Min.	Normal	Max.	Units
Input Voltage Range	Universal Input	108	100-277	305	VAC
Input Frequency Range			50/60		Hz
Input Current	110 VAC/220 VAC input, full load output				A
Power Factor	At 100 VAC/220 VAC input		0.96/0.93		
Inrush Current	At 230 VAC input, 25°C cold start				A

Output Spec.	Condition Description	Min.	Normal	Max.	Units
Current Accuracy			±5		%
Ripple Current	Measurement is done with a 20MHz bandwidth oscilloscope, with a 0.1uF ceramic capacitor paralleled to a 10uF electrolytic capacitor at the output, and with testing done under rated input and output conditions.			20% V <sub>o</sub>	
Overshoot/Undershoot	% of lout max & LED load			10	%
Turn-On Delay	Measured at 110 VAC/220 VAC input and Full Load			1.2	S

General Spec.	Condition Description	Min.	Normal	Max.	Units
Efficiency	Measured at full load and 220Vac in the thermal balanced condition.		95		%
MTBF	measured at 110 Vac input, 80% load and 25°C ambient temperature(MIL-HDBK-217F)				Hours
Lifetime	measured at 110 Vac input, 80% load and 45°C ambient temperature				Hours
Operating/Storage Temperature	10%RH~100%RH (See De-rating Curve for more details)	-40/-40		80/80	°C
Dimension (OL/L x W x H)	OL is the overall length with mounting plates	<b>247/227 x 22 x 29</b>			mm
		9.50/8.50 x 1.7 x 1.2			inch
Weight	Net weight without package	1.34/0.61			lb/kg

### Safety & EMC, Safety Approval, and Reliability Specifications

Safety Standards	UL8750, UL935, , IEC61000-3-2, EN55015 (CISPR15), FCC Part 15 Class B, ANSI C63.4: 2009
Withstand Voltage	L/N-GND: 4kV, L-N: 2kV
Isolation Resistance	I/P-O/P: >100M Ohms / 500 VDC / 25 / 70% RH
EMC Immunity	Compliance to EN 61000-3-2, EN 61000-4-2, 3,4,5,6,8,11, EN61547
Certified	UL, CB, CE
Burn-In	The driver shall undergo a minimum of 4 hours burn-in test at 40°C ± 5°C under full load conditions
Lifetime	≥50,000 hours at 60°C measured at 120Vac input and 80% load
MTBF	≥340,000 hours at 25°C measured at 120Vac input and 80% load (MIL-HDBK-217F)

**Notes:**

- 1 Data is based upon tests performed by Pacific Lighting & Electrical in a controlled environment and represents relative performance. Actual performance may vary depending on lamp and operating conditions. Specifications are subject to change without notice.
- 2 Product labels shown, including safety agency certifications on labels, may vary based on the date manufactured.
- 3 Mechanical drawings are for reference only. The cable wire configuration may vary from other custom designed models as shown in the pictures. Please contact your sales representative for details.
- 4 Specifications are for reference only. All specifications are measured at an ambient temperature of 25°C, humidity < 75%, nominal input voltage and at rated output load unless otherwise specified.

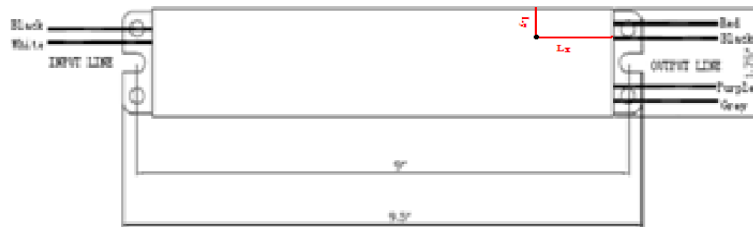
## Wiring Diagram



## Case Diagram

### Physical Parameters

Overall Length (L):	9.5" ± 0.1"
Width (W):	1.7" ± 0.1"
Height (H):	1.2" ± 0.1"
Weight:	610g



Note: Dimensions in inches, where 1 inch = 25.4 millimeters

Tolerance: ±0.5mm

## Revision

Date	Rev.	Description of Change		
		Item	Old	New
3/24/2016	V1a	Release	/	/