

# 56W/70W/75W/100W LRA Series LED Power Supply

56W/70W/75W/100W / LRA Series

## Features

- ▶ Universal AC input / Full range up to 305Vrms.
- ▶ Power Factor > 0.95 (@ max. load.)
- ▶ Efficiency up to 90%.
- ▶ THD<15% at max. load, I/P=230Vrms.
- ▶ Surge protection common/diff. 4/4KV.
- ▶ Meeting lighting safety standard: UL8750 & IEC 61347.
- ▶ IP66 design for LED indoor or outdoor lighting applications.
- ▶ Protections: Short circuit / Over current / Over voltage / Over temperature.
- ▶ Free air cooling.
- ▶ Dimming control (optional): 3 in 1 dimming (1~10Vdc, 10V PWM, Resistance), Timer, Smart Count Time, Time Programmable.
- ▶ Other optional function: DALI.
- ▶ 5 years warranty.



## Specifications

<b>Input</b>	Voltage rating	100~277Vrms ±10% (90~305Vrms)
	Power factor (Typ.)	PF > 0.95 at max. load, 115Vrms/230Vrms
	Inrush current (Typ.)	Cold start, 40A at 230Vrms
<b>Environment</b>	Operating	- 30°C~+50°C @ambient temperature (Tambient)
<b>EMC &amp; Safety</b>	Withstand voltage	I/P-O/P: 3.75KVac, I/P-FG: 1.5KVac, O/P-FG: 0.5KVac
	Safety standards	EN61347-1, EN61347-2-13
	EMC standards	FCC Part 15B, EN 55022 Class B regulation, CNS 14115 at max. load, 230 Vac, EN55015 at max. load, 230Vac, EN61000-3-2 class C, EN61000-4-5 Level 4 (L-N : 4KV, L-PE : 4KV, N-PE : 4KV)
<b>Cable</b>	Input wire	IEC57(YZW) H05VV-F 1.0mm²×3C (70cm)
	Output wire	UL 1015 18AWG (20cm)
<b>Mechanical</b>	Dimension	244 (L) x 60.5 (W) x 44.5 (H) mm

## Model Listing

Model No.	Max. output power	Output
LRA-56-80-DEFG	56W	60~80V, 0.7A
LRA-70-100-DEFG	70W	70~100V, 0.7A
LRA-75-107-DEFG	75W	70~107V, 0.7A
LRA-100-140-DEFG	100W	100~140V, 0.7A

DE: AA-ZZ or 00-99 (customer code)  
 FG: AA-ZZ or 00-99 (product number)

## Dimensional Drawing

