

ULVU 5W Series

LED Lighting - Standard



▲ ULVUU3005



▲ ULVUE3005



▲ ULVUK3005



▲ ULVUA3005



▲ ULVUZ3005



For further information of ULVU 5W series' safety standard, please contact us.



EMC Optimization



Universal Input



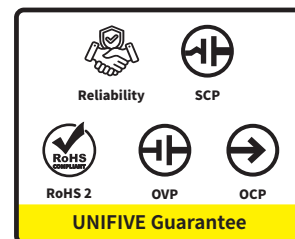
High Efficiency



Power Factor Correction



Miniaturization



UNIFIVE Guarantee

Model Name Definition

U x V U x 3 0 0 5 - _____

① ② ③ ④ ⑤ ⑥ ⑦

Standard Code

● LED

L 61347-1

- ① Developed by UNIFIVE
- ② Standard Code
- ③ Series Code
- ④ Series Code : U / E / K / A / Z
- ⑤ Input 100V/240V
- ⑥ Output Power (W)
- ⑦ Detail Information

Highlight

- Product comply IEC 6100-3-2 harmonic restrictions standard that over 5W and under 25W apply for all lighting appliances including LED lighting
- The limited value for LED Driver over 5W and under 25W apply for all lighting appliances including LED lighting. All of over 5W lighting devices are under harmonic restrictions
- Additional under 25W ease requirements (additional item ③ only and item ① & ② same as before)
 - ① Class D
 - ② Judge by waveform phase
 - ③ $THD \leq 70\%$ and basic wave current for 3rd , 5th, 7th, 9th and 11th are under 35%, 25%, 30%, 20% and 20%. The 2nd harmonic under 5%
- Corresponding CV mode, we support customized for C.C. & C.V. mode, C.C. mode only, LED table lamp and LED fluorescent lamp.
- Power Factor Correction
- Suitable for LED Lights

Standard*

- Audio / AV / IT
 - 62368-1**
 - 60065-1
 - 60950-1
- LED
 - 61347-1
- PSE
 - * ULVU 5W series is designed to MEET all standards above.
 - **Opt for IEC/UL 62368, other than 60065 and 60950, compliant products for advanced and comprehensive safety protection.

EMS Compliance

- EN55032
- EN61000-3-2
- EN61000-3-3
- EN61000-4-2
- EN61000-4-3
- EN61000-4-4
- EN61000-4-5
- EN61000-4-6
- EN61000-4-8
- EN61000-4-11

Emissions

- FCC-B
- CISPR15
- BS EN55015
- VCCI-B

Immunity

- EN61547
- BS EN61547

Efficiency

- Up to

80%

Electrical Spec

Input					
Description		Min.	Typ.	Max.	Units
Voltage		90	100~240	264	Vac
Frequency		47	50/60	63	Hz
Power Factor	ACIN 100V	0.72	-	-	-
	ACIN 230V	0.72	-	-	-

Environmental						
Description	Min.	Typ.	Max.	Units	Comment	
Operating Temperature	0	-	40	°C	Free Convection,Sea Level	
Storage Temperature	-20	-	65	°C	Free Convection,Sea Level	
Operating Humidity	5	-	95	%RH	No Condensing	
Storage Humidity	5	-	95	%RH	No Condensing	

Typical model list

Model Name	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noise	Average Active Efficiency	No-Load Power Consumption
ULVUx3005-120500	12.0V	0.5A	±10%	6V	6V	80.00%	0.3W
ULVUU3005-240250	24.0V	0.25A	±10%	6V	6V	80.00%	0.3W

Measurement Condition

- Measurements shall be made with an oscilloscope with 20MHz bandwidth.
- Outputs shall be bypassed at the connector with a 0.1uF ceramic disk capacitor and a 10uF electrolytic capacitor to simulate system loading.

Mechanical Spec

ULVUU3005 Series	ULVUE3005 Series
ULVUK3005 Series	ULVUA3005 Series
ULVUZ3005 Series	<p style="text-align: center;">— the following blank —</p>

■ Please contact our sales department for details of each model ■