

## LSP30 Series 24-30 Watt AD/DC Constant Current LED Drivers

### FEATURES

- 90 - 267 VAC Universal Input
- Constant Current Design
- Over Voltage and Over Power Protections
- Over Temperature and Short Circuit Protections
- Application for LED Indoor Lighting
- High Reliability
- Long Life
- 100% Hi-Pot Test
- 100% Burn-In Test



### LSP30-46-600 SPECIFICATIONS

Input Voltage .....	90 to 267VAC
Input Frequency .....	47 to 63Hz
Input Power Factor .....	PF ≥ 0.95, @ 100VAC
Input Current .....	0.28A typ, @ 100VAC, 0.14A typ, @ 242VAC
Inrush Current .....	30A max*
Leakage Current .....	0.25mA max @ 240VAC, 50 Hz
MTBF .....	100,000 hours @ 25°C ambient
Operating Temperature .....	-20°C to 60°C
Storage Temperature .....	-20°C to 85°C
Dimensions (LxWxH) .....	6.89 x 1.18 x 0.75 inches

\* At 25°C cold start, max. load @ 242VAC

### STANDARDS AND APPROVALS

Safety Compliance:

Designed to meet Class II, UL1310, and CE

EMI Standards:

Designed to meet EN 55015 and EN 61347

EMS Standards:

IEC-61000-4-2, 8KV (Criteria B)

IEC-61000-4-4, 4KV (Criteria B)

IEC-61000-4-5, 3KV (Criteria B)

### LSP30 MODELS

MODEL	LSP30-48-500	LSP30-46-600
Output Power	24 W	30 W
Output Voltage	24V - 48V	22.5V - 46V
Output Current	500mA	600mA
Efficiency	75%	80%

### MECHANICAL DRAWING

