# TRUMPower

# 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

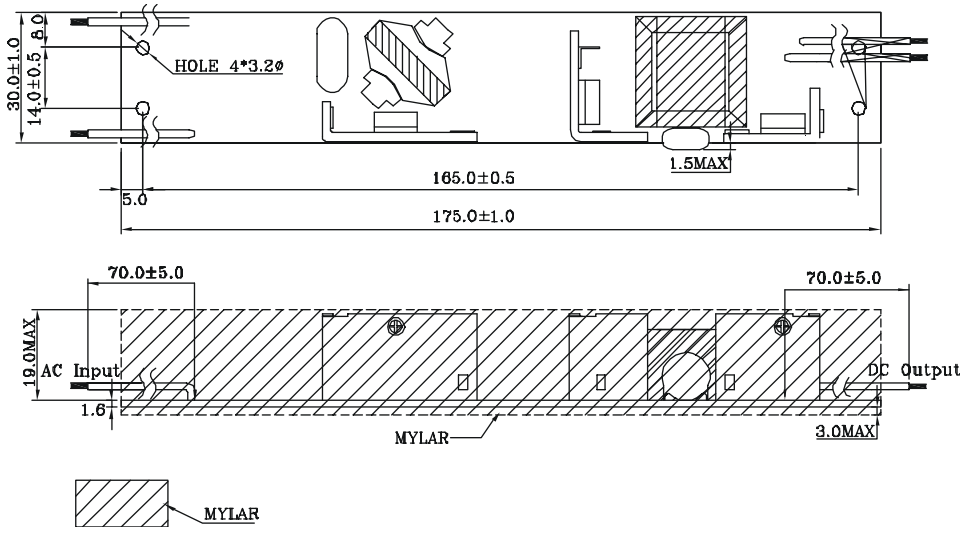
## STANDARDS AND APPROVALS

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





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