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 @ 25ºC ambient
Operating Temperature .............................. -20ºC to 60ºC
Storage Temperature ..................................... -20ºC to 85ºC
Dimensions (LxWxH) ..................................... 6.89 x 1.18 x 0.75 inches

* At 25ºC cold start, max. load @ 242VAC

LSP30 MODELS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LSP30-48-500</th>
<th>LSP30-46-600</th>
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</thead>
<tbody>
<tr>
<td>Output Power</td>
<td>24 W</td>
<td>30 W</td>
</tr>
<tr>
<td>Output Voltage</td>
<td>24V - 48V</td>
<td>22.5V - 46V</td>
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<tr>
<td>Output Current</td>
<td>500mA</td>
<td>600mA</td>
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<tr>
<td>Efficiency</td>
<td>75%</td>
<td>80%</td>
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MECHANICAL DRAWING

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)