

Exceptional Lighting Solutions with Extraordinary Savings

## 120W Street Light

## Features



- ✓ Reduces Energy Consumption 50% vs HPS
- ✓ Maintenance free for over 10 years at 12 hrs per day
- ✓ Useful Life, up to 50,000 hrs
- ✓ Environmentally friendly, does not contain mercury or lead
- ✓ Durable, vibration resistant, no filament to burn out
- ✓ Reduced heat generation by 78% compared to HPS

### Savings and Payback Calculations

(\$0.16/kw-hr, \$30.00 HPS cost, \$35.00 labor cost / relamp)

| LED Watts | Replaces Watts | Annual Power Savings |         |          | Annual Relamp Savings |         |         | Payback in Years |       |       |
|-----------|----------------|----------------------|---------|----------|-----------------------|---------|---------|------------------|-------|-------|
|           |                | 8 hr                 | 12 hr   | 24 hr    | 8 hr                  | 12 hr   | 24 hr   | 8 hr             | 12 hr | 24 hr |
| 120       | 250            | \$60.57              | \$90.60 | \$181.20 | \$18.93               | \$28.39 | \$52.44 | 14.6             | 9.8   | 4.9   |

| Specifications |   |
|----------------|---|
| 1              | Model # ST-SL-C0830-01-120W                 |
| 2              | HPS Replacement 250W                        |
| 3              | Power 120W, 95 - 265 VAC                    |
| 4              | Pole Height Recommended 20 – 30 ft          |
| 5              | Socket Size 3 Wire, 2.75 ID pole adapter    |
| 6              | LED Chip Manufacturer Nichia                |
| 7              | LED Output 9,600 Lumens                     |
| 8              | Color Temperature 5000K (Others on Request) |
| 9              | Beam Angle 120 Deg                          |
| 10             | Color Rendering Index 80                    |
| 11             | Power Factor 0.90                           |
| 12             | Life Span Up to 50,000 hrs                  |
| 13             | Dimensions 38.6" (L) x 16.5" (W) x 7.2" (H) |
| 14             | Weight 25 lbs                               |
| 15             | Certifications ETL, CE, RoHS                |
| 16             | Manufacturers Limited Warranty 5 Years      |

**Applications:** Street Lights