


## 18 W AC LED STREET LIGHT

| Item                             | NES-SL-18  |
|----------------------------------|--|
|                                  |      |
| Power                            | 18 W   |
| Input Range                      | 90-275 V   |
| Operating Frequency              | 50 ± 3% Hz   |
| Primary Thermal Management       | Single Piece MCPCB with Thermal Pads   |
| Secondary Thermal Management     | High Pressure Aluminium Die Cast   |
| Driver Efficiency                | >85%   |
| Power Factor                     | >0.95  |
| THD                              | <15%   |
| Net Power Consumption            | 18W ± 10%  |
| LED Luminous Efficacy            | ≥145 lm/W  |
| CRI                              | >70  |
| Light Source                     | OSRAM/BRIDGELUX LED  |
| Maximum Temperature of Heat Sink | 65° C  |
| Color                            | Cool White, Warm White   |
| Color Temperature                | 2700-6500 K  |
| LED Beam Angle                   | 120°   |
| Optics(optional)                 | 70*140   |
| Features                         | Auto Shutdown & Auto Restart, Open & Short Circuit Protection, Over Voltage Protection |
| Surge Protection                 | Up to 6 KV (Internal)  |
| Storage Temperature              | 35°C   |
| Working Life                     | >50000 Hrs.  |
| Recommended Pole                 | 5 Meter  |
| Recommended Pole Distance        | 9-11 Meter   |
| Dimension *                      | (255X95X60)mm  |
| IP Rating                        | IP66   |

\* Subject to change without notification