

# LED Street Light



Option 1

Option 2

Option 3

## Replacement

150W HPSV Street

Light by 60W LED

Street Light

- **Construction**  
Single piece die casted aluminum housing with separate power supply & LED compartment used to optimize thermal management. Vibration & impact resistance housing. IP65 approved.
- **Optics**  
Lens design to illuminate the required area only and not to illuminate outside area. Excellent 'color rendering index' (CRI) makes the illuminate object looks natural and vivid unlike in a high pressure sodium light which has a low CRI.
- **Electrical**  
Approx. 60% less power compared to conventional high power sodium lamp. Surge and lighting protection inbuilt. Over voltage, Under voltage, Short circuit & open circuit protected driver. LM80 report at drive current.
- **Installation**  
Stainless steel bolts fasten the luminaires quick and securely to the pole.
- **Warranty**  
Five years warranty.
- **Optional**  
Dimmable, CRI>80, All CCT Ranges, Type I to Type V Distribution  
10 KV Surge protection, 12V/24V DC Powered  
Smart Monitoring - GPRS based remote monitoring system with automatic switch, ON/OFF control, Actual Energy consumption calculation

Model No	System Wattage (Watt)	Luminous Flux(Lumen)	Luminous Efficacy (lm/w)
EL SL060C030C	60	5700	95
EL SL072C036C	72	6840	95
EL SL090C044C	90	8550	95

### Electrical

AC Input Voltage	120-300 V
Operating Frequency	47-53 Hz
Total Harmonic Distortion	<10 %
Power Factor	>0.97
Surge/Spikes Protection	>5 KV

### Optical

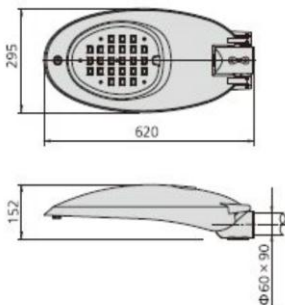
LED	Nichia
Color Temperature	5700 K
CRI	>70
Distribution/Beam Angle	Type II/85°X135°
BUG Rating	B1U1G1

### Environmental

Working temperature range	-10 °C to +50 °C
Working Humidity Range	0 – 95 %
L70 Life @ Tj 85°C based on TM21	60,000 Hrs

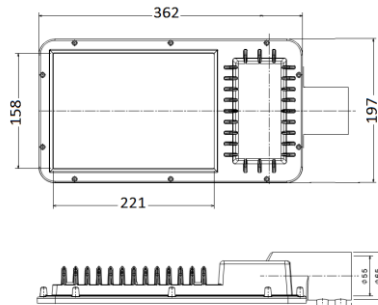
### Lumen Ambient Temperature (LAT) Multiplier

Ambient Temperature(°C)	LAT
0	1.01
10	1.01
20	1.00
25	1.00
30	1.00
40	0.98



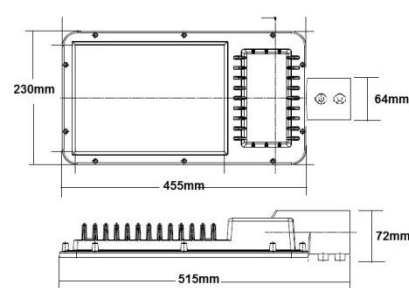
Weight : 6 Kg

Option 1



Weight : 3 Kg

Option 2



Weight : 4 Kg

Option 3

An ISO 9001:2000 Certified UL Accredited Lab

**ECO LITE TECHNOLOGIES**

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