

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 SL100C048C	100	9500	95
EL SL120C060C	120	11400	95
EL SL150C072C	150	14250	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

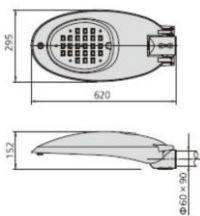
LED	Nichia
Color Temperature	5700 K
CRI	>70
Distribution/Beam Angle	Type II/85°X135°
BUG Rating	B2U0G2

Environmental

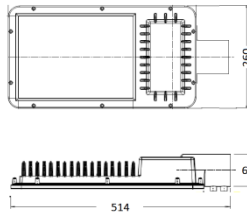
Working temperature range	-10 to +50 °C
Working Humidity Range	0 - 95 %
L70 Life @ Tj 85°C based on TM21	60,000 Hrs

Lumen Ambient Temperature (LAT) Multiplier

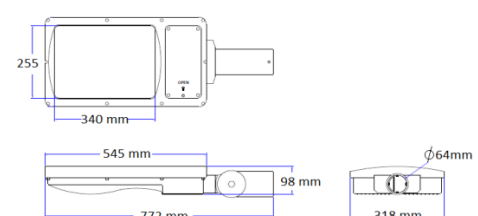
Ambient Temperature(°C)	LAT
0	1.01
10	1.01
20	1.00
25	1.00
30	1.00
40	0.98



Weight : 6 kg



Weight : 4 kg



Weight : 7 kg

An ISO 9001:2000 Certified UL Accredited Lab

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